

NavisXtend Provisioning Server Object Attribute Definitions

Ascend Communications, Inc.

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Contents

About This Guide

What You Need to Know.....	xvii
Documentation Reading Path.....	xviii
How to Use This Guide	xix
What's New in This Guide	xx
Related Documents	xxii
Conventions.....	xxiii
Terminology.....	xxiv

1 Object Attributes

Supported Attributes	1-1
Service Name Attributes.....	1-2
Network Connection Admission Control (NetCac) Attributes.....	1-4
Security Screen Attributes	1-11
Customer Attributes.....	1-13
Traffic Descriptor Attributes.....	1-14
SMDS Country Code Attributes	1-17
SMDS Netwide Group Address Attributes.....	1-18
Virtual Private Network Attributes	1-18
SvcCUG Attributes	1-19

SvcCUGMbrRule Attributes.....	1-19
SvcCUGMbr Attributes	1-20
Switch Attributes	1-21
SMDS Alien Group Address Attributes	1-24
SMDS Alien Individual Address Attributes	1-24
SMDS Address Prefix.....	1-24
SMDS Switch Group Address Attributes	1-25
Svc Node Prefix Attributes	1-25
Card Attributes.....	1-26
CP Card	1-26
6-port V.35 Card.....	1-27
1-port 24-channel Fractional T1 Card.....	1-28
1-port 30-channel Fractional E1 Card.....	1-28
6-port Universal I/O Card	1-29
8-port Low Speed UIO Card	1-29
18-port Low Speed UIO Card	1-30
8-port Universal I/O Card	1-30
4-port 24-channel T1 Card	1-31
4-port 30-channel E1 Card	1-31
2-port HSSI Card.....	1-32
10-port DSX-1 Card.....	1-33
1-port ATM DS3 UNI Card.....	1-33
1-port ATM IWU OC3 Card	1-34
1-port ATM CS/DS3 Card.....	1-35
1-port ATM CS/E3 Card	1-35
4-port 24-channel Unchannelized T1 Card	1-36
4-port 30-channel Unchannelized E1 Card	1-36
12-port E1 Card.....	1-37
4-port 24-channel Fractional DSX Card	1-38
1-port ATM E3 UNI Card	1-39
1-port 28-channel DS3 Card	1-39
SP10 Card.....	1-40
SP20 Card.....	1-40
8-port DS3 Card	1-41
8-port E3 Card.....	1-43
4-port OC-3c/STM-1 Card	1-45
1-port OC-12c/STM-4 Card.....	1-48
8-port T1 Card.....	1-51

8-port E1 Card.....	1-53
PPort Attributes.....	1-56
6-port V.35 Card.....	1-56
1-port 24-channel Fractional T1 Card.....	1-57
1-port 30-channel Fractional E1 Card.....	1-58
6-port Universal I/O Card	1-59
8-port Low Speed UIO Card	1-60
18-port Low Speed UIO Card	1-61
8-port Universal I/O Card	1-61
4-port 24-channel T1 Card	1-62
4-port 30-channel E1 Card	1-64
2-port HSSI Card.....	1-65
10-port DSX-1 Card.....	1-66
1-port ATM DS3 UNI Card.....	1-67
1-port ATM IWU OC3 Card	1-70
1-port ATM CS/DS3 Card.....	1-72
1-port ATM CS/E3 Card	1-73
4-port 24-channel Unchannelized T1 Card	1-74
4-port 30-channel Unchannelized E1 Card	1-75
12-port E1 Card.....	1-77
4-port 24-channel Fractional DSX Card	1-78
1-port ATM E3 UNI Card	1-79
1-port 28-channel DS3 Card	1-81
8-port DS3 Card	1-83
8-port E3 Card.....	1-85
4-port OC-3c/STM-1 Card	1-86
1-port OC-12c/STM-4 Card	1-88
8-port T1 Card.....	1-90
8-port E1 Card.....	1-92
APS Attributes	1-94
TrafficShaper Attributes.....	1-96
PFdl Attributes.....	1-97
Performance Monitor Attributes	1-99
Channel (ChanDs3) Attributes.....	1-106
LPort Attributes	1-108
FR UNI DCE LPort.....	1-108
FR UNI DTE LPort.....	1-114
FR NNI LPort.....	1-119

FR OPTimum PVC Trunk LPort.....	1-125
Others Direct Line Trunk LPort	1-127
Others Encapsulation FRAD LPort.....	1-131
Others PPP-to-1490 Translation LPort	1-135
SMDS DXI/SNI DCE LPort	1-139
SMDS DXI/SNI DTE LPort	1-142
SMDS SSI DTE LPort	1-146
SMDS OPTimum Trunk	1-150
ATM Network Interworking for FR NNI LPort.....	1-151
ATM OPTimum Frame Trunk LPort.....	1-159
ATM UNI DCE LPort on CBX 500 Switch.....	1-162
ATM UNI DCE LPort on B-STDx 8000/9000 Switch	1-172
ATM UNI DTE LPort on CBX 500 Switch.....	1-185
ATM UNI DTE LPort on B-STDx 8000/9000 Switch.....	1-196
ATM OPTimum Cell Trunk LPort on CBX 500 Switch.....	1-210
ATM OPTimum Cell Trunk LPort on B-STDx 8000/9000 Switch	1-212
ATM NNI LPort	1-217
ATM Direct Trunk LPort on CBX 500 Switch	1-223
ATM Direct Trunk LPort on B-STDx 8000/9000 Switch.....	1-227
Point to Point Circuit Attributes	1-233
Circuit Attributes When Both Endpoints are Frame Based	1-234
Circuit Attributes When Both Endpoints are Cell Based.....	1-240
Circuit Attributes When Both Endpoints are Cell-On-Frame Based	1-248
Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Interworking).....	1-255
Circuit Attributes When One Endpoint is Cell Based and One is Cell-On-Frame Based	1-263
Circuit Attributes When One Endpoint is Cell-On-Frame Based and One is Frame Based	1-271
SvcSecScnActParam Attributes.....	1-278
AssignedSvcSecScn Attributes.....	1-279
SMDS SSI Individual Address Attributes	1-279
SMDS Local Individual Address Attributes	1-280
SMDS Individual Screen Attributes	1-280
SMDS Group Screen Attributes	1-281
SvcConfig Attributes.....	1-281
SvcPrefix Attributes.....	1-284
SvcAddress Attributes	1-286

SvcUserPart Attributes	1-288
Soft PVC Circuit Attributes	1-289
PMP Circuit Root Endpoint Attributes	1-290
PMP Circuit Leaf Endpoint Attributes	1-292
PMP Spvc Root Endpoint Attributes	1-293
PMP Spvc Leaf Endpoint Attributes	1-295
Values for Enumerated Data Types	1-296

List of Tables

Table 1-1.	ServiceName Attributes	1-2
Table 1-2.	NetCac Attributes	1-4
Table 1-3.	Security Screen Attributes.....	1-11
Table 1-4.	Customer Attributes	1-13
Table 1-5.	Relation of Attributes for Traffic Descriptor.....	1-15
Table 1-6.	Traffic Descriptor Attributes	1-16
Table 1-7.	SMDS Country Code Attributes	1-17
Table 1-8.	SMDS Netwide Group Address Attributes	1-18
Table 1-9.	Virtual Private Network Attributes.....	1-18
Table 1-10.	SvcCUG Attributes	1-19
Table 1-11.	SvcCUGMbrRule Attributes	1-19
Table 1-12.	SvcCUGMbr Attributes.....	1-20
Table 1-13.	Switch Attributes.....	1-21
Table 1-14.	SMDS Alien Group Address Attributes.....	1-24
Table 1-15.	SMDS Alien Individual Address Attributes.....	1-24
Table 1-16.	SMDS Switch Group Address Attributes.....	1-25
Table 1-17.	Svc Node Prefix Attributes.....	1-25
Table 1-18.	Card Attributes for the CP Card.....	1-26
Table 1-19.	Card Attributes for the 6-port V.35 Card.....	1-27
Table 1-20.	Card Attributes for the 1-port 24-channel Fractional T1 Card.....	1-28
Table 1-21.	Card Attributes for the 1-port 30-channel Fractional E1 Card.....	1-28
Table 1-22.	Card Attributes for the 6-port Universal I/O Card	1-29
Table 1-23.	Card Attributes for the 8-port Low Speed UIO Card.....	1-29
Table 1-24.	Card Attributes for the 18-port Low Speed UIO Card.....	1-30
Table 1-25.	Card Attributes for the 8-port V.35 I/O Card	1-30
Table 1-26.	Card Attributes for the 4-port 24-channel Fractional T1 Card.....	1-31
Table 1-27.	Card Attributes for the 4-port 30-channel Fractional E1 Card.....	1-31
Table 1-28.	Card Attributes for the 2-port HSSI Card	1-32
Table 1-29.	Card Attributes for the 10-port DSX-1 Card.....	1-33
Table 1-30.	Card Attributes for the 1-port ATM DS3 UNI I/O Card	1-33
Table 1-31.	Card Attributes for the 1-port ATM IWU OC3 Card	1-34
Table 1-32.	Card Attributes for the 1-port ATM CS/DS3 Card	1-35
Table 1-33.	Card Attributes for the 1-port ATM CS/E3 Card	1-35
Table 1-34.	Card Attributes for the 4-port 24-channel Unchannelized T1 Card.....	1-36
Table 1-35.	Card Attributes for the 4-port 30-channel Unchannelized E1 Card.....	1-36
Table 1-36.	Card Attributes for the 12-port E1 Card.....	1-37

Table 1-37.	Card Attributes for the 4-port 24-channel Fractional DSX Card	1-38
Table 1-38.	Card Attributes for the 1-port ATM E3 UNI I/O Card.....	1-39
Table 1-39.	Card Attributes for the 1-port 28-channel DS3 Card	1-39
Table 1-40.	Card Attributes for the SP10 Card	1-40
Table 1-41.	Card Attributes for the SP20 Card	1-40
Table 1-42.	Card Attributes for the 8-port DS3 Card.....	1-41
Table 1-43.	Card Attributes for the 8-port E3 Card.....	1-43
Table 1-44.	Card Attributes for the 4-port OC-3c/STM-1 Card.....	1-45
Table 1-45.	Card Attributes for the 1-port OC-12c/STM-4 Card.....	1-48
Table 1-46.	Card Attributes for the 8-port T1 Card.....	1-51
Table 1-47.	Card Attributes for the 8-port E1 Card.....	1-53
Table 1-48.	PPort Attributes for the 6-port V.35 Card	1-56
Table 1-49.	PPort Attributes for the 1-port 24-channel Fractional T1 Card	1-57
Table 1-50.	PPort Attributes for the 1-port 30-channel Fractional E1 Card	1-58
Table 1-51.	PPort Attributes for the 6-port Universal I/O Card	1-59
Table 1-52.	PPort Attributes for the 8-port Low Speed UIO Card.....	1-60
Table 1-53.	PPort Attributes for the 18-port Low Speed UIO Card.....	1-61
Table 1-54.	PPort Attributes for the 8-port V.35 I/O Card	1-61
Table 1-55.	PPort Attributes for the 4-port 24-channel Fractional T1 Card	1-62
Table 1-56.	PPort Attributes for the 4-port 30-channel Fractional E1 Card	1-64
Table 1-57.	PPort Attributes for the 2-port HSSI Card	1-65
Table 1-58.	PPort Attributes for the 10-port DSX-1 Card.....	1-66
Table 1-59.	PPort Attributes for the 1-port ATM DS3 UNI I/O Card.....	1-67
Table 1-60.	PPort Attributes for the 1-port ATM IWU OC3 Card.....	1-70
Table 1-61.	PPort Attributes for the 1-port ATM CS/DS3 Card	1-72
Table 1-62.	PPort Attributes for the 1-port ATM CS/E3 Card.....	1-73
Table 1-63.	PPort Attributes for the 4-port 24-channel Unchannelized T1 Card.....	1-74
Table 1-64.	PPort Attributes for the 4-port 30-channel Unchannelized E1 Card.....	1-75
Table 1-65.	PPort Attributes for the 12-port E1 Card	1-77
Table 1-66.	PPort Attributes for the 4-port 24-channel Fractional DSX Card.....	1-78
Table 1-67.	PPort Attributes for the 1-port ATM E3 UNI I/O Card.....	1-79
Table 1-68.	PPort Attributes for the 1-port 28-channel DS3 Card	1-81
Table 1-69.	PPort Attributes for the 8-port DS3 Card.....	1-83
Table 1-70.	PPort Attributes for the 8-port E3 Card	1-85
Table 1-71.	PPort Attributes for the 4-port OC-3c/STM-1 Card.....	1-86
Table 1-72.	PPort Attributes for the 1-port OC-12c/STM-4 Card.....	1-88
Table 1-73.	PPort Attributes for the 8-port T1 Card	1-90
Table 1-74.	PPort Attributes for the 8-port E1 Card	1-92

Table 1-75.	APS Attributes.....	1-94
Table 1-76.	Traffic Shaper Attributes	1-96
Table 1-77.	PFdl Attributes	1-97
Table 1-78.	Performance Monitor Attributes	1-99
Table 1-79.	Channel Attributes.....	1-106
Table 1-80.	FR UNI DCE LPort Attributes.....	1-108
Table 1-81.	FR UNI DTE LPort Attributes	1-114
Table 1-82.	FR NNI LPort Attributes.....	1-119
Table 1-83.	FR OPTimum PVC Trunk LPort Attributes.....	1-125
Table 1-84.	Others Direct Line Trunk LPort Attributes	1-127
Table 1-85.	Others Encapsulation FRAD LPort Attributes.....	1-131
Table 1-86.	Others PPP-to-1490 Translation LPort Attributes.....	1-135
Table 1-87.	SMDS DXI/SNI DCE LPort Attributes	1-139
Table 1-88.	SMDS DXI/SNI DTE LPort Attributes	1-142
Table 1-89.	SMDS SSI DTE LPort Attributes	1-146
Table 1-90.	SMDS OPTimum Trunk LPort Attributes	1-150
Table 1-91.	ATM Network Interworking for FR NNI LPort Attributes.....	1-151
Table 1-92.	ATM OPTimum Frame Trunk LPort Attributes.....	1-159
Table 1-93.	ATM UNI DCE LPort Attributes (on CBX 500 Switch)	1-162
Table 1-94.	ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch).....	1-172
Table 1-95.	ATM UNI DTE LPort Attributes (on CBX 500 Switch)	1-185
Table 1-96.	ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)	1-196
Table 1-97.	ATM OPTimum Cell Trunk LPort Attributes (on CBX 500 Switch)	1-210
Table 1-98.	ATM OPTimum Cell Trunk LPort Attributes (on B-STDx 8000/9000 Switch)	1-212
Table 1-99.	ATM NNI LPort Attributes	1-217
Table 1-100.	ATM Direct Trunk LPort Attributes (on CBX 500 Switch).....	1-223
Table 1-101.	ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) ..	1-227
Table 1-102.	Types for Circuit Endpoints	1-233
Table 1-103.	Circuit Attributes When Both Endpoints are Frame Based	1-234
Table 1-104.	Relation of Attributes for Cell Based to Cell Based Circuit Endpoint....	1-240
Table 1-105.	Circuit Attributes When Both Endpoints are Cell Based.....	1-241
Table 1-106.	Circuit Attributes When Both Endpoints are Cell-On-Frame Based	1-248
Table 1-107.	Circuit Attributes When One Endpoint is Cell Based and One is Frame Based	1-255
Table 1-108.	Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based	1-263

Table 1-109.	Circuit Attributes When One Endpoint is are Cell-On-Frame Based and One is Frame Based	1-271
Table 1-110.	SvcSecScnActParam Attributes	1-278
Table 1-111.	Assigned SvcSecScn Attributes	1-279
Table 1-112.	SMDS SSI Individual Address Attributes.....	1-279
Table 1-113.	SMDS Local Individual Address Attributes	1-280
Table 1-114.	SMDS Individual Screen Attributes.....	1-280
Table 1-115.	SMDS Group Screen Attributes.....	1-281
Table 1-116.	SvcConfig Attributes	1-281
Table 1-117.	Svc Prefix Attributes	1-284
Table 1-118.	SvcAddress Attributes.....	1-286
Table 1-119.	Svc User Part Attributes.....	1-288
Table 1-120.	Soft PVC Circuit Attributes	1-289
Table 1-121.	PMP Circuit Root Endpoint Attributes	1-290
Table 1-122.	PMP Circuit Leaf Endpoint Attributes.....	1-292
Table 1-123.	PMP Spvc Root Endpoint Attributes	1-293
Table 1-124.	PMP Spvc Leaf Endpoint Attributes.....	1-295
Table 1-125.	Enumerated Data Types and Values	1-296

About This Guide

The *NavisXtend Provisioning Server Object Attribute Definitions* provides detailed information on the various object types supported by the Provisioning Server and their associated attributes.

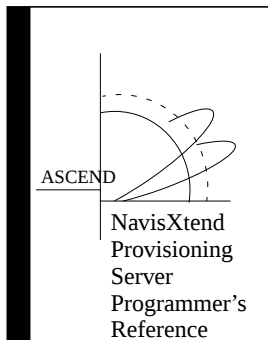
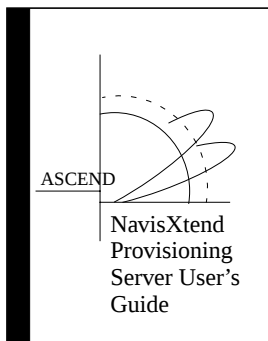
What You Need to Know

This guide assumes that you have a working knowledge of network management and provisioning operations. This guide assumes that you have installed the Ascend switch hardware.

Documentation Reading Path

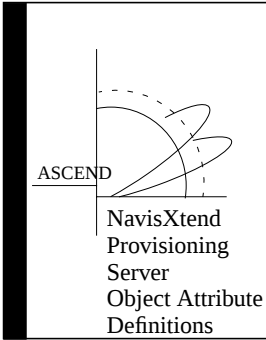
Before you read this guide, read the *Software Release Notice (SRN) for NavisXtend Provisioning Server* that accompanies the software. The SRN will alert you to any documentation updates or special conditions that you should be aware of.

The complete document set for the NavisXtend Provisioning Server includes the following manuals:

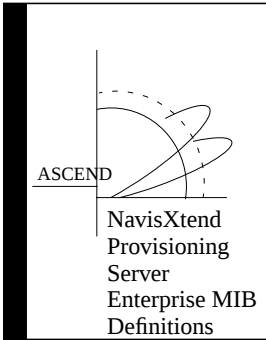


If you are using the NavisXtend Provisioning Server Application Toolkit for the first time, read the entire *NavisXtend Provisioning Server User's Guide*, which describes the interface, features, and typical applications for the Provisioning Server Application Toolkit. It explains, in step-by-step format, what is involved in developing a provisioning client and a provisioning script. It also describes how to use the SNMP MIB.

Once you are ready to begin developing a provisioning client, use this guide for detailed information on the NavisXtend Provisioning Server Application Programming Interface (API).



Use this guide for detailed information on the various object types supported by the NavisXtend Provisioning Server and their associated attributes.



If you are using the SNMP MIB to access the NavisXtend Provisioning Server, use this guide for detailed information on the MIB.

How to Use This Guide

The following table summarizes the information contained in this guide:

Read	To Learn About
Chapter 1	The various object types supported by the NavisXtend Provisioning Server and their associated attributes.

What's New in This Guide

The following table lists the new product features in this release.

Provisioning Server 2.0 New Features	Description
Supports: CBX 500 Switch	Configure elements that are part of CBX 500 switches.
Supports: 8-port ATM E3 Card 8-port ATM DS3 Card 8-port ATM E1 Card 8-port ATM T1 Card 4-port ATM OC3 Card 1-port OC-12c Card	Configure elements of these cards for CBX 500 switches.
Supports: ATM IWU Card ATM CS Card 1-port ATM CS/E3 Card 12-port E1 Card	Configure elements of these cards for B-STDX 9000 switches.
Supports these LPorts and their associated attributes: ATM Direct Cell Trunk LPort ATM OPTimum Frame Trunk LPort ATM OPTimum Cell Trunk LPort SMDS OPTimum Trunk LPort Frame OPTimum Trunk LPort Direct Line Trunk LPort ATM NNI LPort	Configure elements of these LPorts.

Provisioning Server 2.0 New Features	Description
Supports these new objects and their associated attributes: Network Customer Network Connection Admission Control (applies to B-STDx and CBX LPorts only) Service Name SMDS Country Code SVC CUG SVC CUG Member Rule SVC CUG Member SVC Security Screen Traffic Descriptor Virtual Private Network Switch SVC Node Prefix PPort Automatic Protection Switching Performance Monitor Extended Super Frame Data Link Traffic Shaper LPort Assigned SVC Security Screen PMP Circuit Leaf Endpoint PMP Circuit Root Endpoint PMP Spvc Leaf Endpoint PMP Spvc Root Endpoint Soft PVC Endpoint SVC Security Screen Action Param SVC User Part SVC Address SVC Prefix SVC Config	Configure elements of these objects.

Provisioning Server 2.0 New Features	Description
Supports these CBX 500 features: Switch Switch Billing configuration LPort Direct Versus Virtual UNI CLLM Circuit Multihop PVC management Miscellaneous Flow Control Processors	Configure elements related to these features.
Enterprise-specific MIB	Access the Provisioning Server using an SNMP MIB.

Related Documents

This section lists the related Ascend documentation that may be useful to reference.

- *Network Management Station Installation Guide* (Product code: #80014)
- *Network Configuration Guide for B-STDX/STDX* (Product code: #80017)
- *SYBASE 11 SQL Server Upgrade Guide* (Product code: #80040)
- *Upgrading to Solaris 2.5.1 and HP OpenView 4.11* (Product code: #80045)
- *Network Configuration Guide for CBX 500* (Product code: #80049)

Conventions

This guide uses the following conventions to emphasize certain information, such as user input, screen options and output, and menu selections. For example:

Convention	Indicates	Example
Courier	Program source code.	<code>unsigned long</code>
Courier Bold	User input on a separate line and screen or system output.	<code>eject cdrom</code> <code>Please wait...</code>
Helvetica	Structure names or other source code in body text.	<code>CvObjectId</code> structure
Boldface	Function name, CLI command, UNIX command, or user input in body text.	<code>CvCreateNetworkId</code> <code>cvaddmember</code> <code>select</code> Type <code>cd install</code> and ...
<i>Italics</i>	Variable used by a function or command.	<i>UserArg</i> argument
	Book titles, new terms, and emphasized text.	<i>NavisXtend Provisioning Server User's Guide</i>
<key name>	A keyboard entry.	<Return>
Black border surrounding text	Notes and warnings.	See the following examples.

Provides helpful suggestions or reference to materials not contained in this manual.



Warns the reader to proceed carefully in order to avoid equipment damage or personal harm.

Terminology

The product name for the Provisioning Server product has changed from the NMS Provisioning Server to the *NavisXtend Provisioning Server*. The *NavisXtend Provisioning Server* is referred to in text using any of the following terms:

- NavisXtend Provisioning Server
- Provisioning Server
- server

The *NavisXtend Provisioning Server Application Toolkit* is referred to in text using any of the following terms:

- NavisXtend Provisioning Server Application Toolkit
- Application Toolkit
- toolkit

The *NavisXtend Provisioning client* is referred to in text using any of the following terms:

- NavisXtend Provisioning client
- Provisioning client
- client
- application

The product name for CascadeView has changed to *NavisCore*. The old and new product names are used interchangeably in the software and in the manuals.

1

Object Attributes

This appendix lists the various object types supported by the Provisioning Server and their associated attributes.

Supported Attributes

This section lists the supported object attributes and their default values. Card, PPort, and LPort attributes are listed by card type.

Each attribute is defined as follows:

Argument ID Symbol — The symbol name for the argument, as defined in the file CvArgId.H. *Comments* include restrictions and other information about the attribute. *Mandatory* indicates the attribute is a required attribute. If a mandatory attribute is appropriate for the object you are adding, you *must* specify the attribute with a valid value in the Add request.

Data Type — The data type of the attribute. Data types are listed by uppercase identifiers, such as INTEGER, LONG, STRING (zero-terminated printable strings), OBJID, and so on. Enumerated data types are listed by enumeration type, as defined in the file CvParamValues.H. Enumerated data types are a specialized form of INTEGER and are passed to the Provisioning Server as an int. When you specify an enumerated value, cast it as an unsigned long.

If a type is enumerated, you must use the actual value of the appropriate enumerated type. These values are mixed upper-case and lower-case strings. To map an enumerated data type to the values it accepts, use the enumerated identifier listed in the **Data Type** column to look up its values in the file CvParamValues.H.

Default Value — The default value for the API and the CLI. The default value is used if you omit the attribute in an Add request.

Access — The access *Read-Write* indicates a value that can be modified or assigned. The access *Read-Only* indicates a value that can only be read; it cannot be modified or assigned. The access *Create-Only* indicates a value that can be read at any time, but can only be assigned upon object creation.

Service Name Attributes

Table 1-1. ServiceName Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_ServiceName ActiveBinding networkServiceNameActiveBinding <i>Valid values (CLI):</i> <i>option 1 - Primary</i> <i>option 2 - Backup</i> <i>Option 2 is used to revert to primary binding when the current active binding is backup.</i>	CvServNameActive Binding	Primary	Read-Write

Table 1-1. ServiceName Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_ServiceName PrimaryLPort networkServiceNamePrimaryLPort <i>Mandatory attribute. Should be a complete Object ID of the primary LPort.</i>	OBJID		Create-Only
CVA_ServiceName BackupLPort networkServiceNameBackupLPort <i>Mandatory attribute. Cannot be provided when adding a ServiceName object.</i>	OBJID		Read-Write
CVA_ServiceName Name networkServiceNameName <i>Shows the name of the ServiceName binding.</i>	STRING		Read-Only
CVA_ServiceName Notes networkServiceNameNotes <i>Is empty until set. Is not modifiable.</i>	STRING	EMPTY	Create-Only
CVA_ServiceName ServiceNameID networkServiceNameId <i>Attribute is automatically generated.</i>	INTEGER		Read-Only

Network Connection Admission Control (NetCac) Attributes

Table 1-2. NetCac Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCacCacType networkCACType <i>Mandatory attribute.</i> <i>Valid values (CLI):</i> <i>option 1 - Cascade</i> <i>option 2 - CustomizeVbrNrtAbr</i> <i>option 3 - CustomizeVbrRtNrtAbr</i>	CvCacType		Read-Write
CVA_NetCacVbrRT networkCACVbrRealTime <i>Use this attribute when</i> <i>CVA_NetCacCacType is set to option 1</i> <i>or 2.</i>	LONG	9	Read-Write
CVA_NetCacVbrNRT networkCACVbrNonRealTime <i>Use this attribute when</i> <i>CVA_NetCacCacType is set to option 1</i> <i>or 2.</i>	LONG	6	Read-Write
CVA_NetCacCbrCdv networkCACCBrcdv <i>Use this attribute when</i> <i>CVA_NetCacCacType is set to option 1</i> <i>or 2.</i>	LONG	250	Read-Write
CVA_NetCacCbrAlpha networkCACCBrcAlpha <i>Use this attribute when</i> <i>CVA_NetCacCacType is set to option 1</i> <i>or 2.</i>	LONG	7	Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac VbrRTCdv networkCACVbrRTCdv <i>Use this attribute when CVA_NetCacCacType is set to option 1 or 2.</i>	LONG	500	Read-Write
CVA_NetCac VbrRTAlpha networkCACVbrRTAlpha <i>Use this attribute when CVA_NetCacCacType is set to option 1 or 2.</i>	LONG	7	Read-Write
CVA_NetCac OC3PortScale networkCACPortScaleFactorOC3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG	100	Read-Write
CVA_NetCac DS3PortScale networkCACPortScaleFactorDS3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG	100	Read-Write
CVA_NetCac E3PortScale networkCACPortScaleFactorE3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG	100	Read-Write
CVA_NetCac T1E1PortScale networkCACPortScaleFactorT1 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG	100	Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac OC12PortScale networkCACPortScaleFactorOC12 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG	100	Read-Write
CVA_NetCac UpperLimit1 networkCACUpperLimit1 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor1 networkCACScaleFactor1 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac MaxMbs1 networkCACMaxMbs1 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit2 networkCACUpperLimit2 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor2 networkCACScaleFactor2 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac MaxMbs2 networkCACMaxMbs2 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit3 networkCACUpperLimit3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor3 networkCACScaleFactor3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac MaxMbs3 networkCACMaxMbs3 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit4 networkCACUpperLimit4 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor4 networkCACScaleFactor4 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac MaxMbs4 networkCACMaxMbs4 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit5 networkCACUpperLimit5 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor5 networkCACScaleFactor5 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac MaxMbs5 networkCACMaxMbs5 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit6 networkCACUpperLimit6 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor6 networkCACScaleFactor6 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac MaxMbs6 networkCACMaxMbs6 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit7 networkCACUpperLimit7 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor7 networkCACScaleFactor7 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac MaxMbs7 networkCACMaxMbs7 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit8 networkCACUpperLimit8 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor8 networkCACScaleFactor8 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac MaxMbs8 networkCACMaxMbs8 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit9 networkCACUpperLimit9 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor9 networkCACScaleFactor9 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac MaxMbs9 networkCACMaxMbs9 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac UpperLimit10 networkCACUpperLimit10 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write
CVA_NetCac ScaleFactor10 networkCACScaleFactor10 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Table 1-2. NetCac Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_NetCac MaxMbs10 networkCACMaxMbs10 <i>Use this attribute when CVA_NetCacCacType is set to option 2 or 3.</i>	LONG		Read-Write

Security Screen Attributes

Table 1-3. Security Screen Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcSecScn Name <i>The string name of the screen.</i>	STRING		Read-Only
CVA_SvcSecScn Id networkSvcSecurityScreenId <i>A number mapped from string name of the screen. This number is used by the switch to identify an SVC security screen.</i>	LONG		Read-Only
CVA_SvcSecScn CallDirection networkSvcSecurityScreenCallDirection <i>Mandatory attribute.</i>	SecScnCallDirection		Read-Write
CVA_SvcSecScn Type networkSvcSecurityScreenScreenType <i>Mandatory attribute.</i>	SecScnType		Read-Write

Table 1-3. Security Screen Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcSecScn CallingAddrType networkSvcSecurityScreenCalling AddressType <i>Mandatory attribute.</i>	SecScnAddrType		Read-Write
CVA_SvcSecScn CallingAddr networkSvcSecurityScreenCalling AddressAddress <i>Numerical UNIX regular expression, contains at most one *.</i>	STRING		Read-Write
CVA_SvcSecScn CallingSubAddrType networkSvcSecurityScreenCallingSub AddressType <i>Mandatory attribute.</i>	SecScnAddrType		Read-Write
CVA_SvcSecScn CallingSubAddr networkSvcSecurityScreenCallingSub AddressAddress <i>Numerical UNIX regular expression, contains at most one *.</i>	STRING		Read-Write
CVA_SvcSecScn CalledAddrType networkSvcSecurityScreenCalled AddressType <i>Mandatory attribute.</i>	SecScnAddrType		Read-Write
CVA_SvcSecScn CalledAddr networkSvcSecurityScreenCalled AddressAddress <i>Numerical UNIX regular expression, contains at most one *.</i>	STRING		Read-Write

Table 1-3. Security Screen Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcSecScnCalledSubAddrType networkSvcSecurityScreenCalledSub AddressType <i>Mandatory attribute.</i>	SecScnAddrType		Read-Write
CVA_SvcSecScnCalledSubAddr networkSvcSecurityScreenCalledSub AddressAddress <i>Numerical UNIX regular expression, contains at most one *.</i>	STRING		Read-Write

Customer Attributes

Table 1-4. Customer Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CustomerName customerName <i>A string name derived from the object ID (length < 32 chars). Currently only implemented in B-STDx switches.</i>	STRING		Read-Only
CVA_CustomerId customerId <i>Mandatory attribute. The integer representation of a customer, used by switch. Currently only implemented in B-STDx switches.</i>	INTEGER		Create-Only

Table 1-4. Customer Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Customer ContactInfo customerContactInfo <i>The contact of the customer (length < 100 chars). Currently only implemented in B-STDx switches.</i>	STRING		Read-Write
CVA_Customer PhoneNumber customerPhoneNumber <i>The phone number of the customer.</i>	STRING		Read-Write
CVA_Customer Comments customerComments <i>Additional comments.</i>	STRING		Read-Write
CVA_Customer VpnName customerVPNName <i>The VPN name associated with the customer. Must be an existing VPN name in the same network. Currently only implemented in B-STDx switches.</i>	STRING		Read-Write

Traffic Descriptor Attributes

Table 1-5 lists the required param values for each Qos class and traffic descriptor type. When you choose a particular Qos class and traffic descriptor type, you need to provide the corresponding Param values listed in the last column.

Table 1-5. Relation of Attributes for Traffic Descriptor

Qos Class	Traffic Type	Param
CBR	PcrClp0PcrClp01 PcrClp0PcrClp01Tag PcrClp01	Param1, Param2 Param1, Param2 Param1
VBRRealTime	PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01ScrClp01MbsClp01	Param1, Param2, Param3 Param1, Param2, Param3 Param1, Param2, Param3
VBRNonRealTime	PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01ScrClp01MbsClp01	Param1, Param2, Param3 Param1, Param2, Param3 Param1, Param2, Param3
UBR	PcrClp01BestEffort	Param1
UnspCBR	PcrClp0PcrClp01 PcrClp0PcrClp01Tag PcrClp01	Param1, Param2 Param1, Param2 Param1
UnspVBRNrt	PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01ScrClp01MbsClp01	Param1, Param2, Param3 Param1, Param2, Param3 Param1, Param2, Param3
UnspBestEffort	BestEffort	

Table 1-6. Traffic Descriptor Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_TrafficDesc QosClass trafficDescriptorQOSClass <i>Mandatory attribute.</i> <i>Valid Values (CLI):</i> <i>Option 1: CBR</i> <i>Option 2 : VBRRealTime</i> <i>Option 3 : VBRNonRealTime</i> <i>Option 4 : UBR</i> <i>Option 5 : UnspCBR</i> <i>Option 6 : UnspVBRNrt</i> <i>Option 7 : UnspBestEffort</i>	cvClassOfSrv		Create-Only
CVA_TrafficDesc Type trafficDescriptorType <i>Mandatory attribute.</i> <i>See Table 1-5 for dependency between</i> <i>Qos class and traffic descriptor type.</i>	cvAtmTrafficDescType		Create-Only
CVA_TrafficDesc Name trafficDescriptorName <i>Name of the traffic descriptor.</i>	STRING		Read-Only
CVA_TrafficDesc Id <i>Attribute is automatically generated.</i>	LONG		Read-Only
CVA_TrafficDesc Param1 trafficDescriptorParam1 <i>Mandatory attribute (depending on</i> <i>traffic descriptor type).</i>	LONG	0	Create-Only

Table 1-6. Traffic Descriptor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_TrafficDesc Param2 trafficDescriptorParam2 <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG	0	Create-Only
CVA_TrafficDesc Param3 trafficDescriptorParam3 <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG	0	Create-Only

SMDS Country Code Attributes

Table 1-7. SMDS Country Code Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmDsCountryCode Name <i>String representation of an SMDS country code.</i>	STRING		Create-Only

SMDS Netwide Group Address Attributes

Table 1-8. SMDS Netwide Group Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmDsNGaName <i>String representation of an SMDS Netwide Group Address.</i>	STRING		Create-Only

Virtual Private Network Attributes

Table 1-9. Virtual Private Network Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_VPNName vpnName <i>A string name derived from the object ID (length < 32 chars). Currently only implemented in B-STDx switches.</i>	STRING		Read-Only
CVA_VPNNumber vpnNumber <i>A number mapped from string name of the VPN. This number is used by the switch to identify a VPN. Currently only implemented in B-STDx switches.</i>	STRING		Read-Only
CVA_VPNComments vpnComments <i>Comments for the VPN (length < 100 chars). Currently only implemented in B-STDx switches.</i>	STRING		Read-Write

SvcCUG Attributes

Table 1-10. SvcCUG Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcCUGName	STRING		Read-Only

SvcCUGMbrRule Attributes

Table 1-11. SvcCUGMbrRule Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcCUGMbrRuleName networkCUGMemberRuleName	STRING		Read-Only
CVA_SvcCUGMbrRule Value networkCUGMemberRuleValue <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_SvcCUGMbrRule MbrType networkCUGMemberRuleMemberType <i>Mandatory attribute.</i>	CUGMbrRuleNmbPlan Enum		Create-Only
CVA_SvcCUGMbrRule Incoming Access networkCUGMemberRuleIncoming Access <i>Mandatory attribute.</i>	CUGMbrRuleAccess Enum		Read-Write

Table 1-11. SvcCUGMbrRule Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcCUGMbrRule Outgoing Access networkCUGMemberRuleOutgoing Access <i>Mandatory attribute.</i>	CUGMbrRuleAccess Enum		Read-Write

SvcCUGMbr Attributes

Table 1-12. SvcCUGMbr Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcCUGMbr MbrRuleName	STRING		Read-Only
CVA_SvcCUGMbr IncomingCallBar networkCUGMemberRuleIncomingCall Bar <i>Mandatory attribute.</i>	CUGMbrCallsBarred		Read-Write
CVA_SvcCUGMbr OutgoingCallBar networkCUGMemberRuleOutgoingCall Bar <i>Mandatory attribute.</i>	CUGMbrCallsBarred		Read-Write

Switch Attributes

Table 1-13. Switch Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Switch EthernetIpAddress switchEtherNetIpAddress	STRING		Read-Write
CVA_Switch Contact switchContact	STRING		Read-Write
CVA_Switch PhoneNo switchPhoneNumber	STRING		Read-Write
CVA_Switch Location switchLocation	STRING		Read-Write
CVA_Switch ConsoleTimeout switchConsoleIdleTimeout	LONG	5	Read-Write
CVA_Switch TelnetSession switchTelnetSessionState	TelnetSession	telnetSessionEnable Enabled	Read-Write
CVA_SwitchMax TelnetSession switchTelnetSessionState <i>Attribute is the same as CVA_SwitchTelnetSession. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	TelnetSession	telnetSessionEnable Enabled	Read-Write
CVA_Switch Name switchName	STRING		Create-Only
CVA_Switch RerouteCount switchRerouteCount	INTEGER	1	Read-Write
CVA_Switch RerouteDelay switchRerouteDelay	INTEGER	180	Read-Write

Table 1-13. Switch Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Switch RerouteAlgorithm switchLoadBalancingAlgorithm	INTEGER	0	Read-Write
CVA_Switch RipSendHostRoutes switchRipSendHostRoutes	RIPSendHostRoutes States	ripSendHostRoutesOff State Off	Read-Write
CVA_Switch RipState switchRipState	RIPStates	ripOffState Off	Read-Write
CVA_Switch EthernetIpMask switchEthernetIpMask	STRING	255.255.255.0	Read-Write
CVA_Switch ServerPrimaryIp switchAtmBillingPrimaryIp <i>Applies to CBX switches only. Is a string representation of CvIpAddress.</i>	STRING	0.0.0.0	Read-Only
CVA_Switch ServerSecondaryIp switchAtmBillingServerSecondaryIp <i>Applies to CBX switches only.</i>	CvIpAddress	0.0.0.0	Read-Only
CVA_Switch ServerControl switchAtmBillingServerControl <i>Applies to CBX switches only.</i>	CvSwAcctAsControl	swAcctAsPrimary Primary	Read-Write
CVA_Switch AcctControl switchAtmBillingAcctControl <i>Applies to CBX switches only.</i>	CvSwAcctControl	swAcctDisabled Disabled	Read-Write
CVA_Switch AbrRecording switchAtmBillingAbrRecording <i>Applies to CBX switches only.</i>	CvSwAcctRecording	swAcctRecIntraEnabled Enabled	Read-Write

Table 1-13. Switch Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Switch CbrRecording switchAtmBillingCbrRecording <i>Applies to CBX switches only.</i>	CvSwAcctRecording	swAcctRecIntraEnabled Enabled	Read-Write
CVA_Switch UbrRecording switchAtmBillingUbrRecording <i>Applies to CBX switches only.</i>	CvSwAcctRecording	swAcctRecIntraEnabled Enabled	Read-Write
CVA_Switch VbrRecording switchAtmBillingVbrRecording <i>Applies to CBX switches only.</i>	CvSwAcctRecording	swAcctRecIntraEnabled Enabled	Read-Write
CVA_Switch CbrCellCounting switchAtmBillingCbrCellCounting <i>Applies to CBX switches only.</i>	CvSwAcctRecording	swAcctRecIntraEnabled Enabled	Read-Write
CVA_Switch OamCellCounting switchAtmBillingOamCellCounting <i>Applies to CBX switches only.</i>	CvSwAcctOamCellCnt	swAcctOamInTotal Enabled	Read-Write
CVA_Switch RecordingUpdtInterval switchAtmBillingRecordingUdpt Interval <i>Applies to CBX switches only.</i>	LONG	5	Read-Write
CVA_Switch PvcRecordingPeriod switchAtmBillingPvcRecordingPeriod <i>Applies to CBX switches only.</i>	LONG	60	Read-Write

SMDS Alien Group Address Attributes

Table 1-14. SMDS Alien Group Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmDsAGaName <i>String representation of an SMDS Alien Group Address.</i>	STRING		Create-Only

SMDS Alien Individual Address Attributes

Table 1-15. SMDS Alien Individual Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmDsAIaName <i>String representation of an SMDS Alien Individual Address.</i>	STRING		Create-Only

SMDS Address Prefix

The SMDS address prefix object has no attributes.

SMDS Switch Group Address Attributes

Table 1-16. SMDS Switch Group Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmdsGaName	STRING		Create-Only

Svc Node Prefix Attributes

Table 1-17. Svc Node Prefix Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcNodePrefix Format svcNodePrefixPrefixType <i>Mandatory attribute.</i>	CvAddrFmtEnum		Read-Only
CVA_SvcNodePrefix Prefix svcNodePrefixPrefix	STRING		Read-Only
CVA_SvcNodePrefix Nbits svcNodePrefixNumBits	LONG		Read-Only
CVA_SvcNodePrefix SrcAddr Validation svcNodePrefixSourceAddrValidation <i>All three attributes SrcAddrValidation, RouteDetermination, and AddrRegistration cannot be Disabled together.</i>	CvSrcAddrValidation	cvAddrAttrValidation Enabled	Read-Write

Table 1-17. Svc Node Prefix Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcNodePrefixRouteDetermination svcNodePrefixRouteDetermination <i>All three attributes SrcAddrValidation, RouteDetermination, and AddrRegistration cannot be Disabled together.</i>	CvRouteDetermination	cvAddrAttrRouting Enabled	Read-Write
CVA_SvcNodePrefixAddrRegistration svcNodePrefixAddrRegistration <i>All three attributes SrcAddrValidation, RouteDetermination, and AddrRegistration cannot be Disabled together.</i> <i>Set to Enabled only for AESA addresses with Nbits > 104.</i>	CvAddrRegistration	cvAddrAttrRegistration Disabled Disabled	Read-Write

Card Attributes

CP Card

Table 1-18. Card Attributes for the CP Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardDefinedType cardDefinedType	CvCardType	cardTypeCp Cp	Read-Write

Table 1-18. Card Attributes for the CP Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card RedundSlotId cardRedundSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityCPBasic CPBasic	Read-Write

6-port V.35 Card

Table 1-19. Card Attributes for the 6-port V.35 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType6PortV35 6PortV35	Read-Write

1-port 24-channel Fractional T1 Card

Table 1-20. Card Attributes for the 1-port 24-channel Fractional T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1Port24Chan FractT1 1Port24ChanFractT1	Read-Write

1-port 30-channel Fractional E1 Card

Table 1-21. Card Attributes for the 1-port 30-channel Fractional E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1Port30Chan FractE1 1Port30ChanFractE1	Read-Write
CVA_Card E1DefinedXface cardE1DefinedXface	CvE1XfaceType	e1XfaceTypeCoaxPair 75ohm CoaxPair75ohm	Read-Write

6-port Universal I/O Card

Table 1-22. Card Attributes for the 6-port Universal I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType6PortUio 6PortUio	Read-Write
CVA_Card UioDefinedXface cardUioDefinedXface	CvUioXfaceType	uioXfaceTypeV35 V35	Read-Write

8-port Low Speed UIO Card

Table 1-23. Card Attributes for the 8-port Low Speed UIO Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortRs232 8PortRs232	Read-Write
CVA_Card UioDefinedXface cardUioDefinedXface	CvUioXfaceType	uioXfaceTypeV24 V24	Read-Write

18-port Low Speed UIO Card

Table 1-24. Card Attributes for the 18-port Low Speed UIO Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType18PortRs232 18PortRs232	Read-Write
CVA_Card UioDefinedXface cardUioDefinedXface	CvUioXfaceType	uioXfaceTypeV24 V24	Read-Write

8-port Universal I/O Card

Table 1-25. Card Attributes for the 8-port V.35 I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortUio 8PortUio	Read-Write
CVA_Card UioDefinedXface cardUioDefinedXface	CvUioXfaceType	uioXfaceTypeV35 V35	Read-Write
CVA_Card RedundSlotId cardRedundSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityFrame Relay FrameRelay	Read-Write

4-port 24-channel T1 Card

Table 1-26. Card Attributes for the 4-port 24-channel Fractional T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType4Port24Chan FractT1 4Port24ChanFractT1	Read-Write
CVA_Card RedundSlotId cardRedundSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityFrame Relay FrameRelay	Read-Write

4-port 30-channel E1 Card

Table 1-27. Card Attributes for the 4-port 30-channel Fractional E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType4Port30Chan FractE1 4Port30ChanFractE1	Read-Write
CVA_Card E1DefinedXface cardE1DefinedXface	CvE1XfaceType	e1XfaceTypeCoaxPair 75ohm CoaxPair75ohm	Read-Write

**Table 1-27. Card Attributes for the 4-port 30-channel Fractional E1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card RedundSlotId cardRedundSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

2-port HSSI Card

Table 1-28. Card Attributes for the 2-port HSSI Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType2PortHssi 2PortHssi	Read-Write
CVA_Card RedundSlotId cardRedundSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

10-port DSX-1 Card

Table 1-29. Card Attributes for the 10-port DSX-1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType10PortDsx1 10PortDsx1	Read-Write
CVA_Card Dsx1DefinedXface cardDsx1DefinedXface	CvDsx1XfaceType	dsx1XfaceTypeRj48 Rj48	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityFrame Relay FrameRelay	Read-Write

1-port ATM DS3 UNI Card

Table 1-30. Card Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortAtmDs3 Uni 1PortAtmDs3Uni	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write

Table 1-30. Card Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

1-port ATM IWU OC3 Card

Table 1-31. Card Attributes for the 1-port ATM IWU OC3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortAtmIwu Oc3 1PortAtmIwuOc3	Read-Write
CVA_Card Oc3DefinedXface cardAtmOc3Interface	CvOc3MediumType	oc3MediumTypeSonet SONET	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

1-port ATM CS/DS3 Card

Table 1-32. Card Attributes for the 1-port ATM CS/DS3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortAtmCs Ds3 1PortAtmCsDs3	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

1-port ATM CS/E3 Card

Table 1-33. Card Attributes for the 1-port ATM CS/E3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortAtmCsE3 1PortAtmCsE3	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

4-port 24-channel Unchannelized T1 Card

Table 1-34. Card Attributes for the 4-port 24-channel Unchannelized T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType4Port24Chan UnchanT1 4Port24ChanUnchanT1	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

4-port 30-channel Unchannelized E1 Card

Table 1-35. Card Attributes for the 4-port 30-channel Unchannelized E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType4Port30Chan UnchanE1 4Port30ChanUnchanE1	Read-Write
CVA_Card E1DefinedXface cardE1DefinedXface	CvE1XfaceType	e1XfaceTypeCoaxPair 75ohm CoaxPair75ohm	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write

Table 1-35. Card Attributes for the 4-port 30-channel Unchannelized E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

12-port E1 Card

Table 1-36. Card Attributes for the 12-port E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType12PortE1 12PortE1	Read-Write
CVA_Card E1DefinedXface cardE1DefinedXface	CvE1XfaceType	e1XfaceTypeCoaxPair 75ohm CoaxPair75ohm	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card IomClockSource cardExtClockSource	CvCardIomClock Source	E1G703sec10 e1G703sec10	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

4-port 24-channel Fractional DSX Card

Table 1-37. Card Attributes for the 4-port 24-channel Fractional DSX Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType4Port24Chan SHT1 4Port24ChanSHT1	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityFrame Relay FrameRelay	Read-Write

1-port ATM E3 UNI Card

Table 1-38. Card Attributes for the 1-port ATM E3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortAtmE3 Uni 1PortAtmE3Uni	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write

Table 1-38. Card Attributes for the 1-port ATM E3 UNI I/O Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

1-port 28-channel DS3 Card

Table 1-39. Card Attributes for the 1-port 28-channel DS3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType1PortFractT3 1Port28ChanDs3	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG		Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card Capability cardCapability	CvCardCapability	cardCapabilityMultiSrv MultiSrv	Read-Write

SP10 Card

Table 1-40. Card Attributes for the SP10 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType <i>Slots 3-6 and 13-16 must be empty for this type of SP.</i>	CvCardType	cardTypeSp4 SP10	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

SP20 Card

Table 1-41. Card Attributes for the SP20 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardTypeSp8 SP20	Read-Write
CVA_Card RedundSlotId cardReduntSlotId	LONG	0	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write

8-port DS3 Card

Table 1-42. Card Attributes for the 8-port DS3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortAtmDS3 8PortAtmDs3	Read-Write
CVA_Card AtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card IomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write
CVA_Card CcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card BcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card RmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write

Table 1-42. Card Attributes for the 8-port DS3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card IdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card MultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card IcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card MngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write
CVA_Card StatsCapPeakClt cardStatsCapPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCapTotalClt cardStatsCapTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperPeakClt cardStatsOperPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperTotalClt cardStatsOperTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCltPeriod cardStatsCltPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write

Table 1-42. Card Attributes for the 8-port DS3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card PrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write
CVA_Card SecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

8-port E3 Card

Table 1-43. Card Attributes for the 8-port E3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortE3Atm DS3 8PortE3AtmDs3	Read-Write
CVA_Card AtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card IomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write

Table 1-43. Card Attributes for the 8-port E3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardCcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardBcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardRmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardMultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardMngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write

Table 1-43. Card Attributes for the 8-port E3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardStatsCapPeakClt cardStatsCapPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsCapTotalClt cardStatsCapTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsOperPeakClt cardStatsOperPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsOperTotalClt cardStatsOperTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsCltPeriod cardStatsCltPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write
CVA_CardPrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write
CVA_CardSecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

4-port OC-3c/STM-1 Card

Table 1-44. Card Attributes for the 4-port OC-3c/STM-1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardDefinedType cardDefinedType	CvCardType	cardType4PortAtmOc3 Stm1 4PortAtmOc3Stm1	Read-Write

**Table 1-44. Card Attributes for the 4-port OC-3c/STM-1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_CardAtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_CardAdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_CardIomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write
CVA_CardTpzOc3DefinedXface cardTpzOc3DefinedXface	CvOc3XfaceTypeEnum	oc3XfMultimode Multimode	Read-Write
CVA_CardCcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardBcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardRmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write

**Table 1-44. Card Attributes for the 4-port OC-3c/STM-1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Card MultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card IcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card MngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write
CVA_Card StatsCapPeakClk cardStatsCapPeakClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCapTotalClk cardStatsCapTotalClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperPeakClk cardStatsOperPeakClk	CvBulkStatSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperTotalClk cardStatsOperTotalClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsClkPeriod cardStatsClkPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write
CVA_Card PrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write

Table 1-44. Card Attributes for the 4-port OC-3c/STM-1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardSecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

1-port OC-12c/STM-4 Card

Table 1-45. Card Attributes for the 1-port OC-12c/STM-4 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardDefinedType cardDefinedType	CvCardType	cardType1PortAtmOc12 Stm4 1PortAtmOc12Stm4	Read-Write
CVA_CardOc12DefinedXface cardOc12DefinedXface	CvOc12XfaceType Enum	oc12XfSinglemode Singlemode	Read-Write
CVA_CardAtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_CardAdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_CardIomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write

**Table 1-45. Card Attributes for the 1-port OC-12c/STM-4 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_CardCcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardBcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardRmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardMultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write

**Table 1-45. Card Attributes for the 1-port OC-12c/STM-4 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Card MngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write
CVA_Card StatsCapPeakClk cardStatsCapPeakClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCapTotalClk cardStatsCapTotalClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperPeakClk cardStatsOperPeakClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperTotalClk cardStatsOperTotalClk	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsClkPeriod cardStatsClkPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write
CVA_Card PrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write
CVA_Card SecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

8-port T1 Card

Table 1-46. Card Attributes for the 8-port T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortT1 8PortT1	Read-Write
CVA_Card AtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card IomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write
CVA_Card CcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card BcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card RmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write

Table 1-46. Card Attributes for the 8-port T1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card IdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card MultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card IcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_Card MngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write
CVA_Card StatsCapPeakClt cardStatsCapPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCapTotalClt cardStatsCapTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperPeakClt cardStatsOperPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsOperTotalClt cardStatsOperTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_Card StatsCltnPeriod cardStatsCltnPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write

Table 1-46. Card Attributes for the 8-port T1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card PrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write
CVA_Card SecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

8-port E1 Card**Table 1-47. Card Attributes for the 8-port E1 Card**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Card DefinedType cardDefinedType	CvCardType	cardType8PortE1 8PortE1	Read-Write
CVA_Card AtmFcp cardAtmFcp <i>Once you reset this attribute, you must use PRAM to synchronize the database and switch.</i>	CvNrtsDaughterCard	nrtsDaughterCard Disabled Disabled	Read-Write
CVA_Card E1DefinedXface cardE1DefinedXface	CvE1XfaceType	e1XfaceType75n8 8portE1CoaxPair75ohm	Read-Write
CVA_Card AdminStatus cardAdminStatus	CvCardAdminStatus	cardAdminUp Up	Read-Write
CVA_Card IomClockSource cardExtClockSource	CvIomClockSource	cardClockPrefSys PreSys	Read-Write

Table 1-47. Card Attributes for the 8-port E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardCcrmProtocolId cardCcrmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardBcmProtocolId cardBcmProtocolId <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardRmXmitInterval cardRmXmitInterval <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIdleVcFactor cardIdleVcFactor <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardMultiDiscardThresh cardMultiDiscardThresh <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardIcrConst cardIcrConst <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	LONG		Read-Write
CVA_CardMngVBRnrtTraffic cardMngVBRnrtTraffic <i>Use this attribute only when CVA_CardAtmFcp is enabled.</i>	CvNrtsManageVBRnrt Traffic		Read-Write

Table 1-47. Card Attributes for the 8-port E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CardStatsCapPeakClt cardStatsCapPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsCapTotalClt cardStatsCapTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsOperPeakClt cardStatsOperPeakClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsOperTotalClt cardStatsOperTotalClt	CvBulkStatsSetting	cardBulkStatsDisabled Disabled	Read-Write
CVA_CardStatsCltPeriod cardStatsCltPeriod	CvCollectPeriod	cvCollectPeriod1Hour 1Hr	Read-Write
CVA_CardPrimSysClockPort cardPrimSysClockPort	LONG	0	Read-Write
CVA_CardSecSysClockPort cardSecSysClockPort	LONG	0	Read-Write

PPort Attributes

6-port V.35 Card

Table 1-48. PPort Attributes for the 6-port V.35 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType6PortV35 6PortV35	Read-Only
CVA_PPort Bandwidth pportBandwidth	INTEGER	64000	Read-Write
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

1-port 24-channel Fractional T1 Card

Table 1-49. PPort Attributes for the 1-port 24-channel Fractional T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ConnType pportConnType	CvDs1ConnType	ds1ConnTypeToDsx1 ToDsx1	Read-Write
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1Port24Chan FractT1 1Port24ChanFractT1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeEsfAnsi EsfAnsi	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingB8Zs B8Zs	Read-Write
CVA_PPort Ds1LineLength pportDs1LineLength	CvDs1LineLength	ds1LineLength0to133ft 0to133ft	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	24	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	16777215	Read-Write

**Table 1-49. PPort Attributes for the 1-port 24-channel Fractional T1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

1-port 30-channel Fractional E1 Card

Table 1-50. PPort Attributes for the 1-port 30-channel Fractional E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1Port30Chan FractE1 1Port30ChanFractE1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeE1NoCas NoCrc4 E1NoCasNoCrc4	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingHdb3 Hdb3	Read-Write

Table 1-50. PPort Attributes for the 1-port 30-channel Fractional E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	30	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	4294901758	Read-Write
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

6-port Universal I/O Card**Table 1-51. PPort Attributes for the 6-port Universal I/O Card**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType6PortUio 6PortUio	Read-Only

Table 1-51. PPort Attributes for the 6-port Universal I/O Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortBandwidth pportBandwidth	INTEGER	64000	Read-Write
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

8-port Low Speed UIO Card

Table 1-52. PPort Attributes for the 8-port Low Speed UIO Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPortDefinedType pportDefinedType	CvCardType	cardType8PortRs232 8PortRs232	Read-Only
CVA_PPortBandwidth pportBandwidth	INTEGER	64000	Read-Write
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

18-port Low Speed UIO Card

Table 1-53. PPort Attributes for the 18-port Low Speed UIO Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType18PortRs232 18PortRs232	Read-Only
CVA_PPort Bandwidth pportBandwidth	INTEGER	64000	Read-Write
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

8-port Universal I/O Card

Table 1-54. PPort Attributes for the 8-port V.35 I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write

Table 1-54. PPort Attributes for the 8-port V.35 I/O Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when</i> <i>CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPortDefinedType pportDefinedType	CvCardType	cardType8PortUio 8PortUio	Read-Only
CVA_PPortBandwidth pportBandwidth	INTEGER	64000	Read-Write
CVA_PPortClockSpeed pportBandwidth <i>Attribute is the same as</i> <i>CVA_PPortBandwidth. It is maintained</i> <i>for backward compatability with</i> <i>Provisioning Server version 1.2.</i>	INTEGER	64000	Read-Write
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

4-port 24-channel T1 Card

Table 1-55. PPort Attributes for the 4-port 24-channel Fractional T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortConnType pportConnType	CvDs1ConnType	ds1ConnTypeToDsx1 ToDsx1	Read-Write

**Table 1-55. PPort Attributes for the 4-port 24-channel Fractional T1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4Port24Chan FractT1 4Port24ChanFractT1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeEsfAnsi EsfAnsi	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingB8Zs B8Zs	Read-Write
CVA_PPort Ds1LineLength pportDs1LineLength	CvDs1LineLength	ds1LineLength0to133ft 0to133ft	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	24	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	16777215	Read-Write
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

4-port 30-channel E1 Card

Table 1-56. PPort Attributes for the 4-port 30-channel Fractional E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4Port30Chan FractE1 4Port30ChanFractE1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeE1NoCas NoCrc4 E1NoCasNoCrc4	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingHdb3 Hdb3	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	30	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	4294901758	Read-Write
CVA_PPort ChannelsInUse pportChannelsIsInUse	LONG	0	Read-Only

**Table 1-56. PPort Attributes for the 4-port 30-channel Fractional E1 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

2-port HSSI Card

Table 1-57. PPort Attributes for the 2-port HSSI Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType2PortHssi 2PortHssi	Read-Only
CVA_PPort Bandwidth pportBandwidth	INTEGER	9474000	Read-Write
CVA_PPort ClockSpeed pportBandwidth <i>Attribute is the same as CVA_PPortBandwidth. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	INTEGER	9474000	Read-Write

Table 1-57. PPort Attributes for the 2-port HSSI Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

10-port DSX-1 Card

Table 1-58. PPort Attributes for the 10-port DSX-1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPortDefinedType pportDefinedType	CvCardType	cardType10PortDsx1 10PortDsx1	Read-Only
CVA_PPortLineType pportLineType	CvDs1LineType	ds1LineTypeEsfNone EsfNone	Read-Write
CVA_PPortZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingB8Zs B8Zs	Read-Write
CVA_PPortDsx1LineLength pportDsx1LineLength	CvDsx1LineLength	dsx1LineLength0to110 ft 0to110ft	Read-Write

Table 1-58. PPort Attributes for the 10-port DSX-1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAllocatedChannelCount pportAllocatedChannelCount	LONG	24	Read-Only
CVA_PPortAllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	16777215	Read-Write
CVA_PPortChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

1-port ATM DS3 UNI Card

Table 1-59. PPort Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write

Table 1-59. PPort Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortAtmDs3 Uni 1PortAtmDs3Uni	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	44736000	Read-Only
CVA_PPort Ds3ClockSpeed pportBandwidth <i>Attribute is the same as CVA_PPortBandwidth. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	LONG	4473600	Read-Only
CVA_PPort Ds3LineBuildOut pportDs3LineBuildOut	CvDs3LineBuildOut	ds3LineBuildOut0to225 ft 0to225ft	Read-Write
CVA_PPort Ds3PlcpOption pportDs3PlcpOptions	CvDs3PLCPOption	ds3PLCPEnabled Enabled	Read-Write
CVA_PPort AtmPeakCellRate0 pportAtmPeakCellRates0 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate1 pportAtmPeakCellRates1 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate2 pportAtmPeakCellRates2 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write

Table 1-59. PPort Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AtmPeakCellRate3 pportAtmPeakCellRates3 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate4 pportAtmPeakCellRates4 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate5 pportAtmPeakCellRates5 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate6 pportAtmPeakCellRates6 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort AtmPeakCellRate7 pportAtmPeakCellRates7 <i>In units of Cell/Sec.</i>	LONG	96000	Read-Write
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort ATMPayloadScramble pportPayloadScramble <i>Attribute is the same as CVA_PPortPayloadScramble. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort AtmCbitParity pportAtmCbitParity	CvPPortCbitParity	cbitParityEnabled Enabled	Read-Write

Table 1-59. PPort Attributes for the 1-port ATM DS3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAtmMaxBufferSize pportAtmMaxBufferSize	LONG	8160	Read-Write
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPortIdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

1-port ATM IWU OC3 Card**Table 1-60. PPort Attributes for the 1-port ATM IWU OC3 Card**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcDce Dce	Read-Write
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPortDefinedType pportDefinedType	CvCardType	cardType1PortAtmIwu Oc3 1PortAtmIwuOc3	Read-Only
CVA_PPortBandwidth pportBandwidth	LONG	155520000	Read-Only

Table 1-60. PPort Attributes for the 1-port ATM IWU OC3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort BipErrorsThresh <i>The value represents the power of ten (for example 10⁶).</i>	CvPPortBipErrors Thresh	6	Read-Write
CVA_PPort OpticalXmit pportAtmOpticalXmit	CvXmitLaserStatus	xmitLaserDisabled Disabled	Read-Write
CVA_PPort XmitMode cardXmitMode	CvOpticalXmitMode	xmitLaserInvalid Invalid	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

1-port ATM CS/DS3 Card

Table 1-61. PPort Attributes for the 1-port ATM CS/DS3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortAtmCs Ds3 1PortAtmCsDs3	Read-Only
CVA_PPort Ds3PlcpOption pportDs3PlcpOptions	CvDs3PLCPOption	ds3PLCPEnabled Enabled	Read-Write
CVA_PPort Bandwidth pportBandwidth	LONG	44736000	Read-Only
CVA_PPort Ds3LineBuildOut pportDs3LineBuildOut	CvDs3LineBuildOut	ds3LineBuildOut0to225 ft 0to225ft	Read-Write
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort AtmCbitParity pportAtmCbitParity	CvPPortCbitParity	cbitParityEnabled Enabled	Read-Write
CVA_PPort AlarmFailure pportCsDs3AlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportCsDs3AlarmClear	INTEGER	10000	Read-Write
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write
CVA_PPort Ds3FeacLoopback pportDs3FeacLoopback	CvAtmFeacLoopback	feacLoopbackEnabled Enabled	Read-Write

1-port ATM CS/E3 Card

Table 1-62. PPort Attributes for the 1-port ATM CS/E3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortAtmCsE3 1PortAtmCsE3	Read-Only
CVA_PPort Ds3PlcpOption pportDs3PlcpOptions	CvDs3PLCPOption	ds3PLCPEnabled Enabled	Read-Write
CVA_PPort Bandwidth pportBandwidth	LONG	44736000	Read-Only
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

4-port 24-channel Unchannelized T1 Card

Table 1-63. PPort Attributes for the 4-port 24-channel Unchannelized T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ConnType pportConnType	CvDs1ConnType	ds1ConnTypeToDsx1 ToDsx1	Read-Write
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4Port24Chan UnchanT1 4Port24ChanUnchanT1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeEsfAnsi EsfAnsi	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingB8Zs B8Zs	Read-Write
CVA_PPort Ds1LineLength pportDs1LineLength	CvDs1LineLength	ds1LineLength0to133ft 0to133ft	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	24	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	16777215	Read-Write

Table 1-63. PPort Attributes for the 4-port 24-channel Unchannelized T1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

4-port 30-channel Unchannelized E1 Card

Table 1-64. PPort Attributes for the 4-port 30-channel Unchannelized E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4Port30Chan UnchanE1 4Port30ChanUnchanE1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeE1NoCas NoCrc4 E1NoCasNoCrc4	Read-Write

Table 1-64. PPort Attributes for the 4-port 30-channel Unchannelized E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingHdb3 Hdb3	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	30	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	4294901758	Read-Write
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

12-port E1 Card

Table 1-65. PPort Attributes for the 12-port E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write

Table 1-65. PPort Attributes for the 12-port E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType12PortE1 12PortE1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeE1NoCas NoCrc4 E1NoCasNoCrc4	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingHdb3 Hdb3	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	30	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	4294901758	Read-Write
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

4-port 24-channel Fractional DSX Card

Table 1-66. PPort Attributes for the 4-port 24-channel Fractional DSX Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4Port24Chan SHT1 4Port24ChanSHT1	Read-Only
CVA_PPort LineType pportLineType	CvDs1LineType	ds1LineTypeEsfAnsi EsfAnsi	Read-Write
CVA_PPort ZeroCoding pportZeroEncoding	CvDs1ZeroCoding	ds1ZeroCodingB8Zs B8Zs	Read-Write
CVA_PPort Ds1LineLength pportDs1LineLength	CvDs1LineLength	ds1LineLength0to133ft 0to133ft	Read-Write
CVA_PPort AllocatedChannelCount pportAllocatedChannelCount	LONG	24	Read-Only
CVA_PPort AllocatedChannels pportAllocatedChannels <i>This attribute is specified as a bit mask, indicating which channels are allocated for use by LPorts.</i>	LONG	16777215	Read-Write
CVA_PPort ChannelsInUse pportChannelsInUse	LONG	0	Read-Only

Table 1-66. PPort Attributes for the 4-port 24-channel Fractional DSX Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort ConnType pportConnType	CvDs1ConnType	ds1ConnTypeToDsx1 ToDsx1	Read-Write

1-port ATM E3 UNI Card

Table 1-67. PPort Attributes for the 1-port ATM E3 UNI I/O Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortAtmE3 Uni 1PortAtmE3Uni	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	34368000	Read-Only

Table 1-67. PPort Attributes for the 1-port ATM E3 UNI I/O Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPortDs3ClockSpeed pportBandwidth <i>Attribute is the same as CVA_PPortBandwidth. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	LONG	34368000	Read-Only
CVA_PPortAtmPeakCellRate0 pportAtmPeakCellRates0 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate1 pportAtmPeakCellRates1 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate2 pportAtmPeakCellRates2 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate3 pportAtmPeakCellRates3 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate4 pportAtmPeakCellRates4 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate5 pportAtmPeakCellRates5 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortAtmPeakCellRate6 pportAtmPeakCellRates6 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write

Table 1-67. PPort Attributes for the 1-port ATM E3 UNI I/O Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAtmPeakCellRate7 pportAtmPeakCellRates7 <i>In units of Cell/Sec.</i>	LONG	80000	Read-Write
CVA_PPortPayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPortATMPayloadScramble pportPayloadScramble <i>Attribute is the same as CVA_PPortPayloadScramble. It is maintained for backward compatability with Provisioning Server version 1.2.</i>	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPortAtmMaxBufferSize pportAtmMaxBufferSize	LONG	8160	Read-Write
CVA_PPortAdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPortIdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

1-port 28-channel DS3 Card**Table 1-68. PPort Attributes for the 1-port 28-channel DS3 Card**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write

Table 1-68. PPort Attributes for the 1-port 28-channel DS3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortFractT3 1Port28ChanDs3	Read-Only
CVA_PPort ChDs3ChannelsInUse pportChDs3ChannelsInUse	LONG	0	Read-Only
CVA_PPort ChDs3LineBuildOut pportChDs3LineBuildOut	CvDs3LineBuildOut	ds3LineBuildOut0to225 ft 0to225ft	Read-Write
CVA_PPort Ds3LineBuildOut pportDs3LineBuildOut	CvDs3LineBuildOut	ds3LineBuildOut0to225 ft 0to225ft	Read-Write
CVA_PPort ChDs3ApplMode pportApplicationMode	CvChDs3ApplMode	chDs3ApplM23 M13	Read-Write
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write

8-port DS3 Card

Table 1-69. PPort Attributes for the 8-port DS3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType8PortAtmDS3 8PortAtmDS3	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	44736000	Read-Only
CVA_PPort Ds3LineBuildOut pportDs3LineBuildOut	CvDs3LineBuildOut	ds3LineBuildOut0to225 ft 0to225ft	Read-Write
CVA_PPort Ds3PlcpOption pportDs3PlcpOptions	CvDs3PLCPOption	ds3PLCPEnabled Enabled	Read-Write
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort AtmCbitParity pportAtmCbitParity	CvPPortCbitParity	cbitParityEnabled Enabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only

Table 1-69. PPort Attributes for the 8-port DS3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort HECSESingleBitError Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort AtmTSPacingMode pportAtmTSPacingMode	INTEGER	0	Read-Write
CVA_PPort MinNumT1s pportMinNumT1s	INTEGER		Read-Only
CVA_PPort MinNumE1s pportMinNumE1s	INTEGER		Read-Only
CVA_PPort EffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write
CVA_PPort Ds3FeacLoopback pportDs3FeacLoopback	CvAtmFeacLoopback	feacLoopbackEnabled Enabled	Read-Write

8-port E3 Card

Table 1-70. PPort Attributes for the 8-port E3 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType8PortE3Atm DS3 8PortE3AtmDs3	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	34368000	Read-Only
CVA_PPort Ds3PlcpOption pportDs3PlcpOptions	CvDs3PLCPOption	ds3PLCPDisabled Disabled	Read-Write
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort HECSingleBitError Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write

Table 1-70. PPort Attributes for the 8-port E3 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort AtmTSPacingMode pportAtmTSPacingMode	INTEGER	0	Read-Write
CVA_PPort MinNumT1s pportMinNumT1s	INTEGER		Read-Only
CVA_PPort MinNumE1s pportMinNumE1s	INTEGER		Read-Only
CVA_PPort EffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

4-port OC-3c/STM-1 Card**Table 1-71. PPort Attributes for the 4-port OC-3c/STM-1 Card**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write

Table 1-71. PPort Attributes for the 4-port OC-3c/STM-1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType4PortAtmOc3 Stm1 4PortAtmOc3Stm1	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	155520000	Read-Only
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort OpticalXmit pportAtmOpticalXmit	CvXmitLaserStatus	xmitLaserDisabled Disabled	Read-Write
CVA_PPort XmitMode pportXmitMode	CvOpticalXmitMode	xmitModeSonet Sonet	Read-Write
CVA_PPort HECSingleBitError Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write

Table 1-71. PPort Attributes for the 4-port OC-3c/STM-1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPortAtmTSPacingMode pportAtmTSPacingMode	INTEGER	0	Read-Write
CVA_PPortMinNumT1s pportMinNumT1s	INTEGER		Read-Only
CVA_PPortMinNumE1s pportMinNumE1s	INTEGER		Read-Only
CVA_PPortEffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPortIdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

1-port OC-12c/STM-4 Card

Table 1-72. PPort Attributes for the 1-port OC-12c/STM-4 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write

**Table 1-72. PPort Attributes for the 1-port OC-12c/STM-4 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType1PortAtmOc12 Stm4 1PortAtmOc12Stm4	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	622080000	Read-Only
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort OpticalXmit pportAtmOpticalXmit	CvXmitLaserStatus	xmitLaserDisabled Disabled	Read-Write
CVA_PPort XmitMode pportXmitMode	CvOpticalXmitMode	xmitModeSonet Sonet	Read-Write
CVA_PPort HEC Single Bit Error Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write

**Table 1-72. PPort Attributes for the 1-port OC-12c/STM-4 Card
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort Redundancy	CvAPSRRedundancy Architecture	None	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort EffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

8-port T1 Card

Table 1-73. PPort Attributes for the 8-port T1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_PPort ClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write
CVA_PPort ExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write

Table 1-73. PPort Attributes for the 8-port T1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType8PortT1 8PortT1	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	1544000	Read-Only
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleDisabled Disabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort T1LineCode pportT1LineCode	CvT1LineCode	t1LineCodeB8ZS B8ZS	Read-Write
CVA_PPort InBandLineLoopback Code pportInBandLoopBackCode	CvT1E1InBandLine LoopbackCode	t1InBandLineLoopback CodeCSU CSU	Read-Write
CVA_PPort T1LineBuildOut pportT1LineBuildOut	CvT1E1LineBuildOut	t1e1LineBuildOut0to 133ft 0to133ft	Read-Write
CVA_PPort T1CircuitType pportT1CircuitType	CvT1CircuitType	T1CircuitTypeExtended Superframe ExtendedSuperframe	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write

Table 1-73. PPort Attributes for the 8-port T1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortAlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPortHECSESingleBitError Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write
CVA_PPortEffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPortIdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write
CVA_PPortT1FeacLoopback pportT1FeacLoopback	CvT1AtmFeac Loopback	t1FeacLoopback Enabled Enabled	Read-Write

8-port E1 Card

Table 1-74. PPort Attributes for the 8-port E1 Card

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPortClockSource pportXmitClockSource	CvClockSource	clockSrcInternal Internal	Read-Write
CVA_PPortExtClockBackup pportExtClockBackup <i>Applies only when CVA_PPortClockSource is External.</i>	CvExtClockBackup	extClockBackupLoop Timed LoopTimed	Read-Write

Table 1-74. PPort Attributes for the 8-port E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort DefinedType pportDefinedType	CvCardType	cardType8PortE1 8PortE1	Read-Only
CVA_PPort Bandwidth pportBandwidth	LONG	2048000	Read-Only
CVA_PPort PayloadScramble pportPayloadScramble	CvPPortCellScramble	cellScrambleEnabled Enabled	Read-Write
CVA_PPort EfciMarking pportAtmEfciMarking	CvEfciMarking	efciDisabled Disabled	Read-Write
CVA_PPort MIBInterfaceNumber pportMIBInterfaceNumber	LONG		Read-Only
CVA_PPort AdminStatus pportAdminStatus	CvPPortAdminStatus	pPortAdminUp Up	Read-Write
CVA_PPort E1LineCode pportE1LineCode	CvE1LineCode	e1LineCodeHdb3 Hdb3	Read-Write
CVA_PPort InBandLineLoopback Code pportInBandLineLoopBackCode	CvT1E1InBandLine LoopbackCode	t1InBandLineLoopback CodeCSU CSU	Read-Write
CVA_PPort AlarmFailure pportAlarmFailure	INTEGER	2500	Read-Write
CVA_PPort AlarmClear pportAlarmClear	INTEGER	10000	Read-Write
CVA_PPort HECSingleBitError Correction pportHecErrorCorrection	CvSingleBitErrCorr	singleBitEnabled Enabled	Read-Write

Table 1-74. PPort Attributes for the 8-port E1 Card (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PPort EffectiveBandwidth pportEffectiveBandwidth	LONG		Read-Only
CVA_PPort IdleCellType pportIdleCellType	PPortObj__Config__ CvIdleCellType	atmForum AtmForum	Read-Write

APS Attributes

Table 1-75. APS Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Aps Revertive pportApsRevertiveMode <i>Not applicable when CVA_ApsLineType is set to Working.</i>	ApsObj__Config__ CvRevertive	revertiveMode Revertive	Read-Write
CVA_Aps Direction pportApsAdminDir <i>Not applicable when CVA_ApsLineType is set to Working.</i>	ApsObj__Config__ CvDirection	unidirectional Unidirectional	Read-Write
CVA_Aps WtrPeriod pportApsWtrPeriod <i>Not applicable when CVA_ApsLineType is set to Working.</i>	LONG	5	Read-Write
CVA_Aps SfBerExponent pportApsSfBerThresh	LONG	3	Read-Write

Table 1-75. APS Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Aps SdBerExponent pportApsSdBerThresh	LONG	6	Read-Write
CVA_Aps ApsCommand pportApsXCommand <i>Valid values when CVA_ApsLineType is set to Working: Clear ForcedSwitchWorkingToProtection ManualSwitchWorkingToProtection Valid values when CVA_ApsLineType is set to Protection: Clear LockoutProtection ForcedSwitchProtectionToWorking ManualSwitchProtectionToWorking Exercise</i>	ApsObj__Config__ CvApsCommand		Read-Write
CVA_Aps LineType pportApsLineType <i>Valid values (CLI): Option 1 : Working Option 2 : Protection</i>	CvAPSLineType		Read-Only
CVA_Aps PairedSlotId pportApsPairedSlotId	LONG		Read-Only
CVA_Aps PairedPortId pportApsPairedPportId	LONG		Read-Only

TrafficShaper Attributes

Table 1-76. Traffic Shaper Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_TrafficShaper AtmCsPriority ppportTsCsPriority <i>For 1-port ATM CS/DS3 and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_TrafficShaper AtmCsScr ppportTsCsSustainableCellRate <i>For 1-port ATM CS/DS3 and 1-port ATM CS/E3 cards.</i>	LONG	1-port ATM CS/DS3 card: 353208 1-port ATM CS/E3 card: 80000	Read-Write
CVA_TrafficShaper AtmCsPcr ppportTsCsPeakCellRate <i>For 1-port ATM CS/DS3 and 1-port ATM CS/E3 cards.</i>	LONG	1-port ATM CS/DS3 card: 353208 1-port ATM CS/E3 card: 80000	Read-Write
CVA_TrafficShaper AtmCsMaxBurst Size ppportTsCsMaxBurstSize <i>For 1-port ATM CS/DS3 and 1-port ATM CS/E3 cards.</i>	LONG	2	Read-Write
CVA_TrafficShaper AtmIwuPriority ppportTsIwuPriority <i>For 1-port ATM IWU OC3 card.</i>	LONG	1	Read-Write
CVA_TrafficShaper AtmIwuScr ppportTsIwuSustainableCellRate <i>For 1-port ATM IWU OC3 card.</i>	LONG	96000 (<i>when PLCP option is Enabled</i>) 104266 (<i>when PLCP option is Disabled</i>)	Read-Write

Table 1-76. Traffic Shaper Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_TrafficShaper AtmIwuPcr pportTsIwuPeakCellRate <i>For 1-port ATM IWU OC3 card.</i>	LONG	96000 (<i>when PLCP option is Enabled</i>) 104266 (<i>when PLCP option is Disabled</i>)	Read-Write
CVA_TrafficShaper AtmIwuMaxBurst Size pportTsIwuMaxBurstSize <i>For 1-port ATM IWU OC3 card.</i>	LONG	2	Read-Write

PFdl Attributes

Table 1-77. PFdl Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PFdl FdlControl pportPFdlControl <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	PFdlObj__Config__ CvFdlControl	fdlControlDisabled Disabled	Read-Write
CVA_PFdl PrmTransmission pportPFdlPrmTransmission <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	PFdlObj__Config__ CvPrmTransmission	prmTransmission Disabled Disabled	Read-Write

Table 1-77. PFdl Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PFdIPathIdTransmission pportPFdlPathIdTransmission <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	PFdlObj__Config_ CvPathIdTransmission	pathIdTransmission Disabled Disabled	Read-Write
CVA_PFdIEquipmentCode pportPFdlEquipmentCode <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	STRING		Read-Write
CVA_PFdILocationCode pportPFdlLocationCode <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	STRING		Read-Write
CVA_PFdIFrameCode pportPFdlFrameCode <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	STRING		Read-Write
CVA_PFdIUnitCode pportPFdlUnitCode <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	STRING		Read-Write
CVA_PFdIFacilityCode pportPFdlFacilityCode <i>Can be accessed only when CVA_PPortT1CircuitType is set to Extended SuperFrame.</i>	STRING		Read-Write

Performance Monitor Attributes

Table 1-78. Performance Monitor Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitor Threshold Crossing ds1pmThreshCrossingEnable	PerformanceMonitor Obj__Config__CvPM ThresholdCrossingCtrl	PMThresholdCrossing Disabled Disabled	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdEsl ds1pmThreshEslCurrent	LONG	900	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdCvp ds1pmThreshCvpCurrent	LONG	16383	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdEsp ds1pmThreshESPCurrent	LONG	900	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdSesp ds1pmThreshSESPCurrent	LONG	63	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdSasp ds1pmThreshSASPCurrent	LONG	63	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdCssp ds1pmThreshCSSPCurrent	LONG	63	Read-Write
CVA_PerformanceMonitor T1E1Fifteen MinThresholdUasp ds1pmThreshUASPCurrent	LONG	63	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitor T1E1One DayThresholdEsl ds1pmThreshESLDay	LONG	65535	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdCvp ds1pmThreshCVPDay	LONG	1048575	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdEsp ds1pmThreshESPDay	LONG	65535	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdSesp ds1pmThreshSESPDay	LONG	4095	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdSasp ds1pmThreshSASPDay	LONG	4095	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdCssp ds1pmThreshCSSPDay	LONG	4095	Read-Write
CVA_PerformanceMonitor T1E1One DayThresholdUasp ds1pmThreshUASPDay	LONG	4095	Read-Write
CVA_PerformanceMonitor OC3OC12 FifteenMinThresholdCvs sonetpmThreshCVSCurrent	LONG	16383	Read-Write
CVA_PerformanceMonitor OC3OC12 FifteenMinThresholdEss sonetpmThreshESSCurrent	LONG	900	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdSess sonetpmThreshSESSCurrent	LONG	63	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdCvl sonetpmThreshCVLCurrent	LONG	16383	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdEsl sonetpmThreshESLCurrent	LONG	900	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdSesl sonetpmThreshSESLCurrent	LONG	63	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdUasl sonetpmThreshUASLCurrent	LONG	63	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdCvp sonetpmThreshCVPCurrent	LONG	16383	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdEsp sonetpmThreshESPCurrent	LONG	900	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdSesp sonetpmThreshSESPCurrent	LONG	63	Read-Write
CVA_PerformanceMonitorOC3OC12 FifteenMinThresholdUasp sonetpmThreshUASCCurrent	LONG	63	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorOC3OC12 OneDayThresholdCvs sonetpmThreshCVSDay	LONG	1048575	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdEss sonetpmThreshESSDay	LONG	65535	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdSess sonetpmThreshSESSDay	LONG	4095	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdCvl sonetpmThreshCVLDay	LONG	1048575	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdEsl sonetpmThreshESLDay	LONG	65535	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdSesl sonetpmThreshSESLDay	LONG	4095	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdUasl sonetpmThreshUASLDay	LONG	4095	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdCvp sonetpmThreshCVPDay	LONG	1048575	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdEsp sonetpmThreshESPDay	LONG	65535	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorOC3OC12 OneDayThresholdSesp sonetpmThreshSESPDay	LONG	4095	Read-Write
CVA_PerformanceMonitorOC3OC12 OneDayThresholdUasp sonetpmThreshUASPDaY	LONG	4095	Read-Write
CVA_PerformanceMonitorOC3OC12 SESThresholdSetting sonetpmSESThresholdSet	PerformanceMonitor Obj__Config__CvPM SESThresholdSetting	PMSESThreshold SettingANSI ANSI	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdCvl ds3pmThreshCVLCurrent	LONG	13296	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdEsl ds3pmThreshESLCurrent	LONG	65	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdSesl ds3pmThreshSESLCurrent	LONG	10	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdCvp ds3pmThreshCVPCurrent	LONG	13296	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdEsp ds3pmThreshESPCurrent	LONG	65	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdSesp ds3pmThreshSESPCurrent	LONG	10	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdSasp ds3pmThreshSASPCurrent	LONG	2	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdUasp ds3pmThreshUASPCurrent	LONG	10	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdCvcpp ds3pmThreshCVCPPCurrent	LONG	13296	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdEscpp ds3pmThreshESCPPCurrent	LONG	65	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdSescpp ds3pmThreshSESCPPCurrent	LONG	10	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdSascpp ds3pmThreshSASCPPCurrent	LONG	2	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdUascpp ds3pmThreshUASCPPCurrent	LONG	10	Read-Write
CVA_PerformanceMonitorE3DS3 FifteenMinThresholdEsx ds3pmThreshESXCurrent	LONG	44	Read-Write
CVA_PerformanceMonitorE3DS3 one DayThresholdCvl ds3pmThreshCVLDay	LONG	132960	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorE3DS3one DayThresholdEsl ds3pmThreshESLDay	LONG	648	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdSesl ds3pmThreshSESLDay	LONG	100	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdCvp ds3pmThreshCVPDay	LONG	132960	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdEsp ds3pmThreshESPDay	LONG	648	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdSesp ds3pmThreshSESPDay	LONG	100	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdSasp ds3pmThreshSASPDay	LONG	17	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdUasp ds3pmThreshUASPDay	LONG	10	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdCvcpp ds3pmThreshCVCPPDay	LONG	132960	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdEscpp ds3pmThreshESCPPDay	LONG	648	Read-Write

Table 1-78. Performance Monitor Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PerformanceMonitorE3DS3one DayThresholdSescpp ds3pmThreshSESCPPDay	LONG	100	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdSascpp ds3pmThreshSASCPPDay	LONG	17	Read-Write
CVA_PerformanceMonitorE3DS3one DayThresholdUascpp ds3pmThreshUASCPPDay	LONG	10	Read-Write
PerformanceMonitorE3DS3one Day ThresholdEsx ds3pmThreshESXDay	LONG	44	Read-Write

Channel (ChanDs3) Attributes

Table 1-79. Channel Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Channel ClockSource ds1ChannelClockSource <i>Mandatory attribute.</i>	CvClockSource	clockSrcLoopTimed LoopTimed	Read-Write
CVA_Channel ChannelType ds1ChannelChannelType <i>Mandatory attribute.</i>	CvCardType	cardType1PortFractT3 1Port28ChanDs3	Read-Only

Table 1-79. Channel Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Channel ChannelAdminStatus ds1ChannelAdminStatus <i>Mandatory attribute.</i>	CvChannelAdminStatus	channelAdminUp Up	Read-Write
CVA_Channel LinkFraming ds1ChannelLinkFraming <i>Mandatory attribute.</i>	CvLinkFraming	ds1LinkFramingEsf Ccitt EsfCcitt	Read-Write
CVA_Channel ZeroCoding ds1ChannelZeroCoding <i>Mandatory attribute.</i>	CvChDs3ZeroCoding	ds1ZeroCodingCChan Nx64	Read-Write
CVA_Channel ExtClockBackup ds1ChannelExtClockBackup	CvChanExtClock Backup	chanExtClockBackup LoopTimed LoopTimed	Read-Write
CVA_Channel Ds1LoopBackCodeType ds1ChannelDs1LoopbackCodeType <i>Mandatory attribute.</i>	CvDs1LoopbackCode Type	ds1CSULoopback CSU	Read-Write
CVA_Channel AllocatedChannelCount ds1ChannelAllocatedDs0ChannelCount	INTEGER	24	Read-Only
CVA_Channel AllocatedChannels ds1ChannelAllocatedDs0Channels	INTEGER	16777215	Read-Write

LPort Attributes

The tables in this section list the attributes supported for the various LPorts. For some LPorts, supported attributes vary depending on switch version. These LPorts are presented in separate tables by switch version. For some attributes, the default values vary depending on card type. In these cases, the default values are listed by card type.

FR UNI DCE LPort

Table 1-80. FR UNI DCE LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceFrameRelay FrameRelay	Create-Only
CVA_LPort FrameRelayType lportFrFrameRelayType <i>Mandatory attribute.</i>	CvFrLPortType	frUniDce UniDce	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort LinkMgmtProtocol lportFrLinkMgmtProtocol <i>Mandatory attribute.</i>	CvDlcmiStdType		Read-Write
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write

Table 1-80. FR UNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort DceVerifTimer lportFrDcePollVerifTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceErrorThreshold lportFrDceErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceEventCount lportFrDceEventCount <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-80. FR UNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort LmiDelay lportFrLmiUpdateDelay <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPort ClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPort BeRoutingFactor1 lportFrBeRoutingFactors1	INTEGER	100	Read-Write
CVA_LPort BeRoutingFactor2 lportFrBeRoutingFactors2	INTEGER	10	Read-Write

Table 1-80. FR UNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write

Table 1-80. FR UNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write
CVA_LPort Q922Signal lportFrQ922Signal	CvQ922Signal	cvQ922SignalDisabled Disabled	Read-Write
CVA_LPort CallAdmissCtrl lportFrCallAdmissCtrl	CvCallAdmissCtrl	cvCallAdmissCtrl Disabled Disabled	Read-Write
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-80. FR UNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write
CVA_LPortCllmAdminState lportFrCllmAdminState	CvCLLMAdminState	cllmAdminStateDown Down	Read-Write
CVA_LPortCllmInterval lportFrCllmInterval <i>Valid only when</i> <i>CVA_LPortCllmAdminState is Up.</i>	INTEGER	10	Read-Write
CVA_LPortCllmThreshNone lportFrCllmThresholdNone	INTEGER	10	Read-Write
CVA_LPortCllmThreshMild lportFrCllmThresholdMild	INTEGER	40	Read-Write

FR UNI DTE LPort

Table 1-81. FR UNI DTE LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceFrameRelay FrameRelay	Create-Only
CVA_LPort FrameRelayType lportFrFrameRelayType <i>Mandatory attribute.</i>	CvFrLPortType	frUniDte UniDte	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort LinkMgmtProtocol lportFrLinkMgmtProtocol <i>Mandatory attribute.</i>	CvDlcmiStdType		Read-Write
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort DteErrorThreshold lportFrDteErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-81. FR UNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort DteEventCount lportFrDteEventCount <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DtePollTimer lportFrDtePollTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteFullPollCounter lportFrDteFullPollCounter <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-81. FR UNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort LmiDelay lportFrLmiUpdateDelay <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPort ClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPort BeRoutingFactor1 lportFrBeRoutingFactors1	INTEGER	100	Read-Write
CVA_LPort BeRoutingFactor2 lportFrBeRoutingFactors2	INTEGER	10	Read-Write
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write

Table 1-81. FR UNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write

Table 1-81. FR UNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort Q922Signal lportFrQ922Signal	CvQ922Signal	cvQ922SignalDisabled Disabled	Read-Write
CVA_LPort CallAdmissCtrl lportFrCallAdmissCtrl	CvCallAdmissCtrl	cvCallAdmissCtrl Disabled Disabled	Read-Write
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24 channel T1</i> <i>4-port 30-channel E1</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>4-port 24-channel DSX</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write
CVA_LPort CllmAdminState lportFrCllmAdminState	CvCLLMAdminState	cllmAdminStateDown Down	Read-Write

Table 1-81. FR UNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCllmInterval lportFrCllmInterval <i>Valid only when CVA_LPortCllmAdminState is Up.</i>	INTEGER	10	Read-Write
CVA_LPortCllmThreshNone lportFrCllmThresholdNone	INTEGER	10	Read-Write
CVA_LPortCllmThreshMild lportFrCllmThresholdMild	INTEGER	40	Read-Write

FR NNI LPort

Table 1-82. FR NNI LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceFrameRelay FrameRelay	Create-Only
CVA_LPortFrameRelayType lportFrFrameRelayType <i>Mandatory attribute.</i>	CvFrLPortType	frNni Nni	Read-Write
CVA_LPortName lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only

Table 1-82. FR NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort LinkMgmtProtocol lportFrLinkMgmtProtocol <i>Mandatory attribute.</i>	CvDlcmiStdType		Read-Write
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort DceVerifTimer lportFrDcePollVerifTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceErrorThreshold lportFrDceErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceEventCount lportFrDceEventCount <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteErrorThreshold lportFrDteErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteEventCount lportFrDteEventCount <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-82. FR NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort DtePollTimer lportFrDtePollTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteFullPollCounter lportFrDteFullPollCounter <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-82. FR NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute. Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort LmiDelay lportFrLmiUpdateDelay <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPort ClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPort BeRoutingFactor1 lportFrBeRoutingFactors1	INTEGER	100	Read-Write
CVA_LPort BeRoutingFactor2 lportFrBeRoutingFactors2	INTEGER	10	Read-Write
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write

Table 1-82. FR NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write

Table 1-82. FR NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort Q922Signal lportFrQ922Signal	CvQ922Signal	cvQ922SignalDisabled Disabled	Read-Write
CVA_LPort CallAdmissCtrl lportFrCallAdmissCtrl	CvCallAdmissCtrl	cvCallAdmissCtrl Disabled Disabled	Read-Write
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24 channel T1</i> <i>4-port 30-channel E1</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>4-port 24-channel DSX</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write

FR OPTimum PVC Trunk LPort

Table 1-83. FR OPTimum PVC Trunk LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceFrameRelay FrameRelay	Create-Only
CVA_LPort FrameRelayType lportFrFrameRelayType <i>Mandatory attribute.</i>	CvFrLPortType	frOPTimumTrunk OPTimumTrunk	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort SmadsPduViolTcaFlag lportAdminSmadsPduViolTcaFlag <i>Mandatory attribute.</i>	SmadsPduViolTcaFlag		Read-Write
CVA_LPort SmadsPduViolThresh lportAdminSmadsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-83. FR OPTimum PVC Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24 channel T1</i> <i>4-port 30-channel E1</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>4-port 24-channel DSX</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write

Others Direct Line Trunk LPort

Table 1-84. Others Direct Line Trunk LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceOther Other	Create-Only
CVA_LPort OtherType lportFrOtherType <i>Mandatory attribute.</i>	CvOtherLPortType	lPortDirectFrTrunk DirectFrTrunk	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-84. Others Direct Line Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCrcChecking lportAdminCrcChecking <i>Mandatory attribute. Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPortIfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPortClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPortCongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortMildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write

Table 1-84. Others Direct Line Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write

Table 1-84. Others Direct Line Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortFractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write
CVA_LPortSmadsPduViolTcaFlag lportAdminSmadsPduViolTcaFlag <i>Mandatory attribute.</i>	SmadsPduViolTcaFlag		Read-Write
CVA_LPortSmadsPduViolThresh lportSmadsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write

Others Encapsulation FRAD LPort

Table 1-85. Others Encapsulation FRAD LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceOther Other	Create-Only
CVA_LPort OtherType lportFrOtherType <i>Mandatory attribute.</i>	CvOtherLPortType	lPortEncapsulationFrad EncapsulationFrad	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-85. Others Encapsulation FRAD LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort ClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write

Table 1-85. Others Encapsulation FRAD LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write

Table 1-85. Others Encapsulation FRAD LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write

Others PPP-to-1490 Translation LPort

Table 1-86. Others PPP-to-1490 Translation LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceOther Other	Create-Only
CVA_LPort OtherType lportFrOtherType <i>Mandatory attribute.</i>	CvOtherLPortType	lPortPppTo1490Xlation PppTo1490Xlation	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-86. Others PPP-to-1490 Translation LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort ClosedLoop lportAdminClosedLoop	CvCloseLoopEnabled	congEnabledOff Off	Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write

Table 1-86. Others PPP-to-1490 Translation LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay	LONG	3	Read-Write

Table 1-86. Others PPP-to-1490 Translation LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write

SMDS DXI/SNI DCE LPort

Table 1-87. SMDS DXI/SNI DCE LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceSmds Smds	Create-Only
CVA_LPort SmdsType lportSmdsSmdsType <i>Mandatory attribute.</i>	CvSmdsLPortType	smdsDxiSniDce DxiSniDce	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort SmdsPduViolTcaFlag lportAdminSmdsPduViolTcaFlag <i>Mandatory attribute.</i>	SmdsPduViolTcaFlag		Read-Write
CVA_LPort SmdsPduViolThresh lportAdminSmdsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-87. SMDS DXI/SNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort Billing lportAdminBilling	CvBilling	cvBillingDisable Disabled	Read-Write
CVA_LPort SsiLPort lportSmadsSsiLportIpAddress	OBJID	nullObject	Read-Write
CVA_LPort ErrorCheckFlag lportSmadsProtocolErrorChecking <i>Mandatory attribute.</i>	CvErrorCheckFlag		Read-Write
CVA_LPort HeartBPFlag lportSmadsSupportHeartBeatPoll <i>Mandatory attribute.</i>	CvHeartBPFlag		Read-Write
CVA_LPort HeartBPInterval lportSmadsHeartBeatPollInterval <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-87. SMDS DXI/SNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort HeartBPNAThresh lportSmadsHeartBeatPollNaThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-87. SMDS DXI/SNI DCE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write

SMDS DXI/SNI DTE LPort

Table 1-88. SMDS DXI/SNI DTE LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceSmds Smds	Create-Only
CVA_LPortSmDsType lportSmDsSmDsType <i>Mandatory attribute.</i>	CvSmDsLPortType	smDsDxiSniDte DxiSniDte	Read-Write

Table 1-88. SMDS DXI/SNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortName lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPortSmadsPduViolTcaFlag lportAdminSmadsPduViolTcaFlag <i>Mandatory attribute.</i>	SmadsPduViolTcaFlag		Read-Write
CVA_LPortSmadsPduViolThresh lportAdminSmadsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortBandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPortCongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortAdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-88. SMDS DXI/SNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCrcChecking lportAdminCrcChecking <i>Mandatory attribute. Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPortBilling lportAdminBilling	CvBilling	cvBillingDisable Disabled	Read-Write
CVA_LPortSsiLPort lportSmadsSsiLportIpAddress	ObjectId2LPortName	nullObject	Read-Write
CVA_LPortErrorCheckFlag lportSmadsProtocolErrorChecking <i>Mandatory attribute.</i>	CvErrorCheckFlag		Read-Write
CVA_LPortHeartBPFlag lportSmadsSupportHeartBeatPoll <i>Mandatory attribute.</i>	CvHeartBPFlag		Read-Write
CVA_LPortHeartBPInterval lportSmadsHeartBeatPollInterval <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortHeartBPNAThresh lportSmadsHeartBeatPollNaThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortIfIndex lportAdminIfIndex	INTEGER		Read-Only

Table 1-88. SMDS DXI/SNI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write

SMDS SSI DTE LPort

Table 1-89. SMDS SSI DTE LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceSmds Smds	Create-Only
CVA_LPort SmdsType lportSmdsSmdsType <i>Mandatory attribute.</i>	CvSmdsLPortType	smdsSsiDte SsiDte	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort SmdsPduViolTcaFlag lportAdminSmdsPduViolTcaFlag <i>Mandatory attribute.</i>	SmdsPduViolTcaFlag		Read-Write
CVA_LPort SmdsPduViolThresh lportAdminSmdsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

Table 1-89. SMDS SSI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort ErrorCheckFlag lportSmadsProtocolErrorChecking <i>Mandatory attribute.</i>	CvErrorCheckFlag		Read-Write
CVA_LPort HeartBPFlag lportSmadsSupportHeartBeatPoll <i>Mandatory attribute.</i>	CvHeartBPFlag		Read-Write
CVA_LPort HeartBPInterval lportSmadsHeartBeatPollInterval <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort HeartBPNAThresh lportSmadsHeartBeatPollNaThreshold <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-89. SMDS SSI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort MildThreshold lportAdminMildThreshold	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPort SevereThreshold lportAdminFrSevereThreshold	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write

Table 1-89. SMDS SSI DTE LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort FractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write

SMDS OPTimum Trunk

Table 1-90. SMDS OPTimum Trunk LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceSmds Smds	Create-Only
CVA_LPort SmdsType lportSmdsSmdsType <i>Mandatory attribute.</i>	CvSmdsLPortType	smdsOPTimumTrunk OPTimumTrunk	Read-Write
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort SmdsPduViolTcaFlag lportAdminSmdsPduViolTcaFlag <i>Mandatory attribute.</i>	SmdsPduViolTcaFlag		Read-Write
CVA_LPort SmdsPduViolThresh lportAdminSmdsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-90. SMDS OPTimum Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write

ATM Network Interworking for FR NNI LPort

Table 1-91. ATM Network Interworking for FR NNI LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmXportForFrNni XportForFrNni	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort LinkMgmtProtocol lportFrLinkMgmtProtocol <i>Mandatory attribute.</i>	CvDlcmiStdType		Read-Write
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort DceVerifTimer lportFrDcePollVerifTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceErrorThreshold lportFrDceErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DceEventCount lportFrDceEventCount <i>Mandatory attribute.</i>	LONG		Read-Write

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort LmiDelay lportFrLmiUpdateDelay <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteErrorThreshold lportFrDteErrorThreshold <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteEventCount lportFrDteEventCount <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DtePollTimer lportFrDtePollTimer <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort DteFullPollCounter lportFrDteFullPollCounter <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG		Read-Write

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG		Read-Write
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write
CVA_LPortAdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPortCrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPortIfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPortBackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortTrafficShaperId lportAdminTrafficShaperId <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_LPortTSPriority lportAdminTSPriority <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Only
CVA_LPortTSSustCellRate lportAdminTSSustCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1-port ATM IWU OC3 card: 353208 1-port ATM CS/DS3 card: 96000 1-port ATM CS/E3 card: 80000	Read-Only
CVA_LPortTSPeakCellRate lportAdminTSPeakCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1-port ATM IWU OC3 card: 353208 1-port ATM CS/DS3 card: 96000 1-port ATM CS/E3 card: 80000	Read-Only
CVA_LPortTSBurstTolerance lportAdminTSBurstTolerance <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1 1-port ATM IWU OC3 card: 2 1-port ATM CS/DS3 card: 2	Read-Only

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortAtmPcqIndex lportAtmAtmPcqIndex <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	INTEGER	0	Read-Write
CVA_LPortAtmPeakCellRate lportAtmAtmPeakCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Only
CVA_LPortAtmBurstTolerance lportAtmAtmBurstTolerance <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortAtmSustainCellRate lportAtmAtmSustainCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortMildThreshold lportAdminMildThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card, 1-port ATM UNI DS3 card, and 1-port ATM UNI E3 card: 4268 1-port 28-channel DS3 card: 480	Read-Write

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortAbsoluteThreshold lportAdminFrAbsThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card, 1-port ATM UNI DS3 card, and 1-port ATM UNI E3 card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPortSevereThreshold lportAdminFrSevereThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card, 1-port ATM UNI DS3 card, and 1-port ATM UNI E3 card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPortBadPvcFactor lportAdminFrBadPvcFactor <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	30	Read-Write

**Table 1-91. ATM Network Interworking for FR NNI LPort Attributes
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortCheckInterval lportAdminCheckInterval <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_LPortAmberReductionPs lportAdminFrAmberPs <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	75	Read-Write
CVA_LPortAmberReductionPm lportAdminFrAmberPm <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	50	Read-Write
CVA_LPortClearDelay lportAdminClearDelay <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	3	Read-Write

ATM OPTimum Frame Trunk LPort

Table 1-92. ATM OPTimum Frame Trunk LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmOPTimumFrame Trunk atmOPTimumFrame Trunk	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort TrafficShaperId lportAdminTrafficShaperId <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write

Table 1-92. ATM OPTimum Frame Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort TSPriority lportAdminTSPriority <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Only
CVA_LPort TSSustCellRate lportAdminTSSustCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	96000 1-port ATM IWU OC3 card: 353208	Read-Only
CVA_LPort TSPeakCellRate lportAdminTSPeakCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	96000 1-port ATM IWU OC3 card: 353208	Read-Only
CVA_LPort TSBurstTolerance lportAdminTSBurstTolerance <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	2	Read-Only
CVA_LPort AtmPcqIndex lportAtmAtmPcqIndex <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	INTEGER	0	Read-Write
CVA_LPort AtmPeakCellRate lportAtmAtmPeakCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Only

Table 1-92. ATM OPTimum Frame Trunk LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortAtmBurstTolerance lportAtmAtmBurstTolerance <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortAtmSustainCellRate lportAtmAtmSustainCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortSmDsPduViolTcaFlag lportAdminSmDsPduViolTcaFlag <i>Mandatory attribute.</i>	SmDsPduViolTcaFlag		Read-Write
CVA_LPortSmDsPduViolThresh lportAdminSmDsPduViolThresh <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24 channel T1</i> <i>4-port 30-channel E1</i> <i>10-port DSX-1</i> <i>4-port unchannelized T1</i> <i>4-port unchannelized E1</i> <i>4-port 24-channel DSX</i> <i>1-port 28-channel DS3</i>	CvDs0BitStuffing		Read-Write

ATM UNI DCE LPort on CBX 500 Switch

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmUniDce UniDce	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPort RmCellGen lportAtmFcpRmCellGen <i>Mandatory attribute.</i>	LPortObj__Config__ CvRmCellGenType		Read-Write
CVA_LPort RmCellTerm lportAtmFcpRmCellTerm <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvRmCellTermType		Read-Write
CVA_LPort EfciBitCheck lportAtmFcpEfciBitCheck <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvEfciBitCheckType		Read-Write
CVA_LPort TotalBuffer lportAtmFcpTotalBuffer <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LONG		Read-Write
CVA_LPort Clp01Thresh lportAtmFcpClp01Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfciThresh</i>	LONG		Read-Write

**Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort DiscardThresh lportAtmFcpDiscardThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfcThresh</i>	LONG		Read-Write
CVA_LPort EfcThresh lportAtmFcpEfcThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfcThresh</i>	LONG		Read-Write
CVA_LPort AtmProtocol lportAtmAtmProtocolType	CvAtmProtocol	cvAtmProtocolUni31 UNI-3.1	Read-Write
CVA_LPort UniType lportAtmAtmUniType	CvAtmUniType	cvAtmUniTypePublic Public	Read-Write
CVA_LPort ConnectionType lportAtmAtmConnType	CvConnectionType	cvConnTypeNet Endsystem NetToEnd	Read-Write
CVA_LPort NumOfValidVpiBits lportAtmAtmValidVpiBits	INTEGER	4	Read-Write
CVA_LPort NumOfValidVciBits lportAtmAtmValidVciBits	INTEGER	10	Read-Write
CVA_LPort CallAdminControl lportAtmAtmCallAdmControl	CvBwPolicing	cvBwPolicingEnabled Enabled	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortUpcFunction lportAtmUpcFunction	CvAtmUpcFunction	cvUpcEnabled Enabled	Read-Write
CVA_LPortCtrlUpcFunction lportAtmCtrlUpcFunction	CvAtmCtrlUpcFunction	cvCtrlUpcDisabled Disabled	Read-Write
CVA_LPortCellHeadFormat lportAtmCellHeadFormat	CvAtmCellHeader Format	cvAtmUniCellHeaders Uni	Read-Write
CVA_LPortConnectionClass lportAtmConnectionClass <i>For virtual Uni type, the default value is “Virtual.”</i>	CvAtmConnectionClass	atmDirect Direct	Read-Only
CVA_LPortPvcRangeVpiStart lportAtmPvcRangeVpiStart <i>No default value for virtual Uni type.</i>	INTEGER	0	Read-Write
CVA_LPortPvcRangeVpiStop lportAtmPvcRangeVpiStop <i>No default value for virtual Uni type.</i>	INTEGER	15	Read-Write
CVA_LPortVpiToVpciOffset lportAtmVpiToVpciOffset	INTEGER	0	Read-Write
CVA_LPortCircuitAlarmEnabled lportAtmOamCircuitAlarms	CvBoolean	TRUE True	Read-Write
CVA_LPortAlarmTimerThreshold lportAtmOamAlarmTimerThreshold	INTEGER	5	Read-Write
CVA_LPortPvpVpiMin lportAtmPvpVpiMin	INTEGER	0	Read-Only

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort PvpVpiMax lportAtmPvpVpiMax	INTEGER	255	Read-Only
CVA_LPort PvcVpiMin lportAtmPvcVpiMin	INTEGER	1	Read-Only
CVA_LPort PvcVpiMax lportAtmPvcVpiMax	INTEGER	15	Read-Only
CVA_LPort PvcVciMin lportAtmPvcVciMin	INTEGER	32	Read-Only
CVA_LPort PvcVciMax lportAtmPvcVciMax	INTEGER	1023	Read-Only
CVA_LPort SvcVpiMin lportAtmSvcVpiMin <i>For virtual Uni type, the default value is 1. However, user should make sure that it fits into the PVC VPI range.</i>	INTEGER	0	Read-Write
CVA_LPort SvcVpiMax lportAtmSvcVpiMax <i>For virtual Uni type, the default value is 1. However, user should make sure that it fits into the PVC VPI range.</i>	INTEGER	15	Read-Write
CVA_LPort SvcVciMin lportAtmSvcVciMin	INTEGER	32	Read-Write
CVA_LPort SvcVciMax lportAtmSvcVciMax	INTEGER	1023	Read-Write

**Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort SignallingAdminStatus lportAtmSvcConfigSigAdminStatus	CvAtmSigAdminStatus	cvAtmSigAdmin Disabled Disabled	Read-Write
CVA_LPort Q93bMaxRestart lportAtmSvcConfigQ93bMaxRestart	LONG	2	Read-Write
CVA_LPort Q93bMaxStatusEnquiries lportAtmSvcConfigQ93bMaxStatEnq	LONG	1	Read-Write
CVA_LPort Q93bT303 lportAtmSvcConfigQ93bT303	LONG	4000	Read-Write
CVA_LPort Q93bT308 lportAtmSvcConfigQ93bT308	LONG	30000	Read-Write
CVA_LPort Q93bT309 lportAtmSvcConfigQ93bT309	LONG	10000	Read-Write
CVA_LPort Q93bT310 lportAtmSvcConfigQ93bT310	LONG	10000	Read-Write
CVA_LPort Q93bT316 lportAtmSvcConfigQ93bT316	LONG	120000	Read-Write
CVA_LPort Q93bT322 lportAtmSvcConfigQ93bT322	LONG	4000	Read-Write
CVA_LPort Q93bT398 lportAtmSvcConfigQ93bT398	LONG	4000	Read-Write
CVA_LPort Q93bT399 lportAtmSvcConfigQ93bT399	LONG	14000	Read-Write

**Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort QsaalMaxCcThreshold lportAtmSvcConfigQsaalMaxCC	LONG	4	Read-Write
CVA_LPort QsaalMaxPduXmited lportAtmSvcConfigQsaalMaxPD	LONG	25	Read-Write
CVA_LPort QsaalMaxStatElements lportAtmSvcConfigQsaalMaxStat	LONG	67	Read-Write
CVA_LPort QsaalWindowSize	LONG	64	Read-Write
CVA_LPort QsaalTPoll lportAtmSvcConfigQsaalTPoll	LONG	750	Read-Write
CVA_LPort QsaalTKeepAlive lportAtmSvcConfigQsaalTKeepAlive	LONG	2000	Read-Write
CVA_LPort QsaalTNoResponse lportAtmSvcConfigQsaalTNoResponse	LONG	7000	Read-Write
CVA_LPort QsaalTCtrlPdu lportAtmSvcConfigQsaalTCC	LONG	1000	Read-Write
CVA_LPort QsaalTIdle lportAtmSvcConfigQsaalTIdle	LONG	15000	Read-Write
CVA_LPort IlmiAdminStatus lportAtmIlmiAdminStatus	CvAtmIlmiAdminStatus	cvAtmIlmiAdmin Disabled Disabled	Read-Write
CVA_LPort PollPeriod lportAtmIlmiPollPeriod	INTEGER	5	Read-Write
CVA_LPort LossThreshold lportAtmIlmiLossThreshold	INTEGER	4	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort lImiVpiBits lportAtmImiValidVpiBits <i>For virtual Uni type, the default value is taken from the feeder.</i>	INTEGER	0	Read-Write
CVA_LPort lImiVciBits lportAtmImiValidVciBits <i>For virtual Uni type, the default value is taken from the feeder.</i>	INTEGER	16	Read-Write
CVA_LPort IsCbrDynamic lportAtmIsCbrDynamic	CvBoolean	TRUE true	Read-Write
CVA_LPort CbrPercentage lportAtmCbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrRTDynamic lportAtmIsVbrRTDynamic	CvBoolean	TRUE true	Read-Write
CVA_LPort VbrRTPercentage lportAtmVbr1BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrNRTDynamic lportAtmIsVbrNRTDynamic	CvBoolean	TRUE true	Read-Write
CVA_LPort VbrNRTPercentage lportAtmVbr2BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsUbrDynamic lportAtmIsUbrDynamic	CvBoolean	TRUE true	Read-Write
CVA_LPort UbrPercentage lportAtmUbrBwAlloc	INTEGER	0	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCbrRoutingMetric lportAtmCbrRouteMetric	CvAtmQosRouting Metric	cvAtmQoSRoutingCdv CellDelayVariation	Read-Write
CVA_LPortVbrRTRoutingMetric lportAtmVbr1RouteMetric	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortVbrNRTRoutingMetric lportAtmVbr2RouteMetric	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortUbrRoutingMetric lportAtmUbrRouteMetric	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortCbrUtilFactor lportAtmCbrBwOversub	INTEGER	100	Read-Only
CVA_LPortVbrRTUtilFactor lportAtmVbr1BwOversub	INTEGER	100	Read-Write
CVA_LPortVbrNRTUtilFactor lportAtmVbr2BwOversub	INTEGER	100	Read-Write
CVA_LPortUbrUtilFactor lportAtmUbrBwOversub	INTEGER	100	Read-Write
CVA_LPortSvcAccounting lportAtmBillingSvcAccounting	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPortPvcParamRec lportAtmBillingPvcParamRec	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPortCarrierId lportAtmBillingCarrierId	INTEGER	0	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort GenPtPt lportAtmBillingGenPtPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPort GenPtMultiPt lportAtmBillingGenPtMultiPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPort GenUnsuccess lportAtmBillingGenUnsuccess	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPort IntraAbr lportAtmBillingIntraAbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraUbr lportAtmBillingIntraUbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraVbr lportAtmBillingIntraVbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraCbr lportAtmBillingIntraCbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort SvcSubAddr lportAtmBillingSvcSubAddr	CvLpAcctSub Recording	lpAcctSubRecDisabled Disabled	Read-Write
CVA_LPort AddrSameAsUni lportAtmBillingAddrSameAsUni	CvBoolean	TRUE True	Read-Write
CVA_LPort NtmCt0 lportAtmNtmCt0	LONG	0	Read-Write
CVA_LPort NtmCt1 lportAtmNtmCt1	LONG	0	Read-Write
CVA_LPort NtmCt2 lportAtmNtmCt2	LONG	0	Read-Write

Table 1-93. ATM UNI DCE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortNtmCt3 lportAtmNtmCt3	LONG	0	Read-Write
CVA_LPortNtmNotificationTime lportAtmNtmNotificationTime	LONG	30	Read-Write

ATM UNI DCE LPort on B-STDx 8000/9000 Switch

Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPortAtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmUniDce UniDce	Create-Only
CVA_LPortName lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPortVpnName lportAdminVpnName	STRING	Public	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU</i> <i>OC3, 1-port ATM CS/DS3, or 1-port</i> <i>ATM CS/E3 cards.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU</i> <i>OC3, 1-port ATM CS/DS3, or 1-port</i> <i>ATM CS/E3 cards.</i>	LONG		Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write
CVA_LPortAdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPortCrcChecking lportAdminCrcChecking <i>Mandatory attribute.</i> <i>Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPortIfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPortBackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPortAtmProtocol lportAtmAtmProtocolType <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmProtocol	cvAtmProtocolUni31 UNI-3.1	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortUniType lportAtmAtmUniType <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmUniType	cvAtmUniTypePublic Public	Read-Write
CVA_LPortNumOfValidVpiBits lportAtmAtmValidVpiBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	4	Read-Write
CVA_LPortNumOfValidVciBits lportAtmAtmValidVciBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	7 1-port ATM IWU OC3 card: 8 1-port ATM CS/DS3 card: 8	Read-Write
CVA_LPortCallAdminControl lportAtmAtmCallAdmControl <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBwPolicing	cvBwPolicingEnabled Enabled	Read-Write
CVA_LPortCellHeadFormat lportAtmCellHeadFormat <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmCellHeader Format	cvAtmUniCellHeaders Uni	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortConnectionClass lportAtmConnectionClass <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmConnectionClass	atmDirect Direct	Read-Only
CVA_LPortPvcRangeVpiStart lportAtmPvcRangeVpiStart <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortPvcRangeVpiStop lportAtmPvcRangeVpiStop <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortVpiToVpciOffset lportAtmVpiToVpciOffset <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortCircuitAlarmEnabled lportAtmOamCircuitAlarms <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortAlarmTimerThreshold lportAtmOamAlarmTimerThreshold <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	5	Read-Write
CVA_LPortPvpVpiMin lportAtmPvpVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Only
CVA_LPortPvpVpiMax lportAtmPvpVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	255	Read-Only
CVA_LPortPvcVpiMin lportAtmPvcVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	1 1-port ATM IWU OC3 card: 0 1-port ATM CS/DS3 card: 0	Read-Only
CVA_LPortPvcVpiMax lportAtmPvcVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	15	Read-Only

Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort PvcVciMin lportAtmPvcVciMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	32	Read-Only
CVA_LPort PvcVciMax lportAtmPvcVciMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	127 1-port ATM IWU OC3 card: 255 1-port ATM CS/DS3 card: 255	Read-Only
CVA_LPort SvcVpiMin lportAtmSvcVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPort SvcVpiMax lportAtmSvcVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPort SvcVciMin lportAtmSvcVciMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortSvcVciMax lportAtmSvcVciMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortIlmiAdminStatus lportAtmIlmiAdminStatus <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmIlmiAdminStatus	cvAtmIlmiAdmin Disabled Disabled	Read-Write
CVA_LPortPollPeriod lportAtmIlmiPollPeriod <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	5	Read-Write
CVA_LPortLossThreshold lportAtmIlmiLossThreshold <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	4	Read-Write
CVA_LPortIlmiVpiBits lportAtmIlmiValidVpiBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortIImiVciBits lportAtmIImiValidVciBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	16	Read-Write
CVA_LPortIsCbrDynamic lportAtmIsCbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE true	Read-Write
CVA_LPortCbrPercentage lportAtmCbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrRTDynamic lportAtmIsVbrRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE true	Read-Write
CVA_LPortVbrRTPercentage lportAtmVbr1BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrRTDynamic is False.</i>	INTEGER	0	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortIsVbrNRTDynamic lportAtmIsVbrNRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE true	Read-Write
CVA_LPortVbrNRTPercentage lportAtmVbr2BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrNRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsUbrDynamic lportAtmIsUbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE true	Read-Write
CVA_LPortUbrPercentage lportAtmUbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsUbrDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortCbrRoutingMetric lportAtmCbrRouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQoSRouting Metric	cvAtmQoSRoutingCdv CellDelayVariation	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortVbrRTRoutingMetric lportAtmVbr1RouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQoSRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortVbrNRTRoutingMetric lportAtmVbr2RouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQoSRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortUbrRoutingMetric lportAtmUbrRouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQoSRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortCbrUtilFactor lportAtmCbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Only
CVA_LPortVbrRTUtilFactor lportAtmVbr1BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortVbrNRTUtilFactor lportAtmVbr2BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortUbrUtilFactor lportAtmUbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortMildThreshold lportAdminMildThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card: 4268 1-port 28-channel DS3 card: 480	Read-Write
CVA_LPortAbsoluteThreshold lportAdminFrAbsThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card: 17070 1-port 28-channel DS3 card: 1922	Read-Write

**Table 1-94. ATM UNI DCE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortSevereThreshold lportAdminFrSevereThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPortBadPvcFactor lportAdminFrBadPvcFactor <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	30	Read-Write
CVA_LPortCheckInterval lportAdminCheckInterval <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_LPortAmberReductionPs lportAdminFrAmberPs <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	75	Read-Write
CVA_LPortAmberReductionPm lportAdminFrAmberPm <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	50	Read-Write

Table 1-94. ATM UNI DCE LPort Attributes (on B-STDX 8000/9000 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortClearDelay lportAdminClearDelay <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	3	Read-Write
CVA_LPortFractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX	LONG		Read-Write

ATM UNI DTE LPort on CBX 500 Switch

Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only

Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmUniDte UniDte	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort BackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPort AtmProtocol lportAtmAtmProtocolType	CvAtmProtocol	cvAtmProtocolUni31 UNI-3.1	Read-Write

Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort UniType lportAtmAtmUniType	CvAtmUniType	cvAtmUniTypePublic Public	Read-Write
CVA_LPort ConnectionType lportAtmAtmConnType	CvConnectionType	cvConnTypeNetNet NetToNet	Read-Write
CVA_LPort RmCellGen lportAtmFcpRmCellGen <i>Mandatory attribute.</i>	LPortObj__Config__ CvRmCellGenType		Read-Write
CVA_LPort RmCellTerm lportAtmFcpRmCellTerm <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvRmCellTermType		Read-Write
CVA_LPort EfciBitCheck lportAtmFcpEfciBitCheck <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvEfciBitCheckType		Read-Write
CVA_LPort TotalBuffer lportAtmFcpTotalBuffer <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LONG		Read-Write
CVA_LPort Clp01Thresh lportAtmFcpClp01Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfciThresh</i>	LONG		Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort DiscardThresh lportAtmFcpDiscardThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= Efc1Thresh</i>	LONG		Read-Write
CVA_LPort Efc1Thresh lportAtmFcpEfc1Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= Efc1Thresh</i>	LONG		Read-Write
CVA_LPort NumOfValidVpiBits lportAtmAtmValidVpiBits	INTEGER	4	Read-Write
CVA_LPort NumOfValidVciBits lportAtmAtmValidVciBits	INTEGER	10	Read-Write
CVA_LPort CallAdminControl lportAtmAtmCallAdmControl	CvBwPolicing	cvBwPolicingEnabled Enabled	Read-Write
CVA_LPort UpcFunction lportAtmUpcFunction	CvAtmUpcFunction	cvUpcEnabled Enabled	Read-Write
CVA_LPort CtrlUpcFunction lportAtmCtrlUpcFunction	CvAtmCtrlUpcFunction	cvCtrlUpcDisabled Disabled	Read-Write
CVA_LPort CellHeadFormat lportAtmCellHeadFormat	CvAtmCellHeader Format	cvAtmUniCellHeaders Uni	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort ConnectionClass lportAtmConnectionClass <i>For virtual Uni type, the default value is “Virtual.”</i>	CvAtmConnectionClass	atmDirect Direct	Read-Only
CVA_LPort PvcRangeVpiStart lportAtmPvcRangeVpiStart <i>No default value for virtual Uni type.</i>	INTEGER	0	Read-Write
CVA_LPort PvcRangeVpiStop lportAtmPvcRangeVpiStop <i>No default value for virtual Uni type.</i>	INTEGER	15	Read-Write
CVA_LPort VpiToVpciOffset lportAtmVpiToVpciOffset	INTEGER	0	Read-Write
CVA_LPort CircuitAlarmEnabled lportAtmOamCircuitAlarms	CvBoolean	TRUE True	Read-Write
CVA_LPort AlarmTimerThreshold lportAtmOamAlarmTimerThreshold	INTEGER	5	Read-Write
CVA_LPort PvpVpiMin lportAtmPvpVpiMin	INTEGER	0	Read-Only
CVA_LPort PvpVpiMax lportAtmPvpVpiMax	INTEGER	255	Read-Only
CVA_LPort PvcVpiMin lportAtmPvcVpiMin	INTEGER	1	Read-Only
CVA_LPort PvcVpiMax lportAtmPvcVpiMax	INTEGER	15	Read-Only

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort PvcVciMin lportAtmPvcVciMin	INTEGER	32	Read-Only
CVA_LPort PvcVciMax lportAtmPvcVciMax	INTEGER	1023	Read-Only
CVA_LPort SvcVpiMin lportAtmSvcVpiMin <i>For virtual Uni type, the default value is 1. However, user should make sure that it fits into the PVC VPI range.</i>	INTEGER	0	Read-Write
CVA_LPort SvcVpiMax lportAtmSvcVpiMax <i>For virtual Uni type, the default value is 1. However, user should make sure that it fits into the PVC VPI range.</i>	INTEGER	15	Read-Write
CVA_LPort SvcVciMin lportAtmSvcVciMin	INTEGER	32	Read-Write
CVA_LPort SvcVciMax lportAtmSvcVciMax	INTEGER	1023	Read-Write
CVA_LPort SignallingAdminStatus lportAtmSvcConfigSigAdminStatus	CvAtmSigAdminStatus	cvAtmSigAdmin Disabled Disabled	Read-Write
CVA_LPort Q93bMaxRestart lportAtmSvcConfigQ93bMaxRestart	LONG	2	Read-Write
CVA_LPort Q93bMaxStatusEnquiries lportAtmSvcConfigQ93bMaxStatEnq	LONG	1	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort Q93bT303 lportAtmSvcConfigQ93bT303	LONG	4000	Read-Write
CVA_LPort Q93bT308 lportAtmSvcConfigQ93bT308	LONG	30000	Read-Write
CVA_LPort Q93bT309 lportAtmSvcConfigQ93bT309	LONG	10000	Read-Write
CVA_LPort Q93bT310 lportAtmSvcConfigQ93bT310	LONG	10000	Read-Write
CVA_LPort Q93bT313 lportAtmSvcConfigQ93bT313	LONG	4000	Read-Write
CVA_LPort Q93bT316 lportAtmSvcConfigQ93bT316	LONG	120000	Read-Write
CVA_LPort Q93bT322 lportAtmSvcConfigQ93bT322	LONG	4000	Read-Write
CVA_LPort Q93bT398 lportAtmSvcConfigQ93bT398	LONG	4000	Read-Write
CVA_LPort Q93bT399 lportAtmSvcConfigQ93bT399	LONG	14000	Read-Write
CVA_LPort QsaalMaxCcThreshold lportAtmSvcConfigQsaalMaxCC	LONG	4	Read-Write
CVA_LPort QsaalMaxPduXmited lportAtmSvcConfigQsaalMaxPD	LONG	25	Read-Write
CVA_LPort QsaalMaxStatElements lportAtmSvcConfigQsaalMaxStat	LONG	67	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort QsaalWindowSize	LONG	64	Read-Write
CVA_LPort QsaalTPoll lportAtmSvcConfigQsaalTPoll	LONG	750	Read-Write
CVA_LPort QsaalTKeepAlive lportAtmSvcConfigQsaalTKeepAlive	LONG	2000	Read-Write
CVA_LPort QsaalTNoResponse lportAtmSvcConfigQsaalTNoResponse	LONG	7000	Read-Write
CVA_LPort QsaalTCtrlPdu lportAtmSvcConfigQsaalTCC	LONG	1000	Read-Write
CVA_LPort QsaalTIdle lportAtmSvcConfigQsaalTidle	LONG	15000	Read-Write
CVA_LPort IlmiAdminStatus lportAtmIlmiAdminStatus	CvAtmIlmiAdminStatus	cvAtmIlmiAdmin Disabled Disabled	Read-Write
CVA_LPort DtePrefixScreenMode lportAtmIlmiDteScreenMode	CvAtmIlmiDtePfx Screen	cvAtmIlmiScreen AcceptAll AcceptAll	Read-Write
CVA_LPort PollPeriod lportAtmIlmiPollPeriod	INTEGER	5	Read-Write
CVA_LPort LossThreshold lportAtmIlmiLossThreshold	INTEGER	4	Read-Write
CVA_LPort IlmiVpiBits lportAtmIlmiValidVpiBits <i>For virtual Uni type, the default value is taken from the feeder.</i>	INTEGER	0	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort lImiVciBits lportAtmImiValidVciBits <i>For virtual Uni type, the default value is taken from the feeder.</i>	INTEGER	16	Read-Write
CVA_LPort IsCbrDynamic lportAtmIsCbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort CbrPercentage lportAtmCbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrRTDynamic lportAtmIsVbrRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrRTPercentage lportAtmVbr1BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrNRTDynamic lportAtmIsVbrNRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrNRTPercentage lportAtmVbr2BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsUbrDynamic lportAtmIsUbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort UbrPercentage lportAtmUbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort CbrRoutingMetric lportAtmCbrRouteMetric	CvAtmQosRouting Metric	cvAtmQoSRoutingCdv CellDelayVariation	Read-Write
CVA_LPort VbrRTRoutingMetric lportAtmVbr1RouteMetric	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort VbrNRTRoutingMetric lportAtmVbr2RouteMetric	CvAtmQoSRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPort UbrRoutingMetric lportAtmUbrRouteMetric	CvAtmQoSRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPort CbrUtilFactor lportAtmCbrBwOversub	INTEGER	100	Read-Only
CVA_LPort VbrRTUtilFactor lportAtmVbr1BwOversub	INTEGER	100	Read-Write
CVA_LPort VbrNRTUtilFactor lportAtmVbr2BwOversub	INTEGER	100	Read-Write
CVA_LPort UbrUtilFactor lportAtmUbrBwOversub	INTEGER	100	Read-Write
CVA_LPort SvcAccounting lportAtmBillingSvcAccounting	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPort PvcParamRec lportAtmBillingPvcParamRec	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPort CarrierId lportAtmBillingCarrierId	INTEGER	0	Read-Write
CVA_LPort GenPtPt lportAtmBillingGenPtPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPort GenPtMultiPt lportAtmBillingGenPtMultiPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write

**Table 1-95. ATM UNI DTE LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort GenUnsuccess lportAtmBillingGenUnsuccess	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPort IntraAbr lportAtmBillingIntraAbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraUbr lportAtmBillingIntraUbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraVbr lportAtmBillingIntraVbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort IntraCbr lportAtmBillingIntraCbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPort SvcSubAddr lportAtmBillingSvcSubAddr	CvLpAcctSub Recording	lpAcctSubRecDisabled Disabled	Read-Write
CVA_LPort AddrSameAsUni lportAtmBillingAddrSameAsUni	CvBoolean	TRUE True	Read-Write
CVA_LPort NtmCt0 lportAtmNtmCt0	LONG	0	Read-Write
CVA_LPort NtmCt1 lportAtmNtmCt1	LONG	0	Read-Write
CVA_LPort NtmCt2 lportAtmNtmCt2	LONG	0	Read-Write
CVA_LPort NtmCt3 lportAtmNtmCt3	LONG	0	Read-Write
CVA_LPort NtmNotificationTime lportAtmNtmNotificationTime	LONG	30	Read-Write

ATM UNI DTE LPort on B-STDx 8000/9000 Switch

Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmUniDte UniDte	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort VpnName lportAdminVpnName	STRING	Public	Read-Write
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i> <i>Read-Only for the following cards:</i> <i>1-port 24-channel T1</i> <i>1-port 30-channel E1</i> <i>4-port 24-channel T1</i> <i>4-port 30-channel E1</i> <i>4-port 24-channel DSX</i>	LONG		Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG		Read-Write
CVA_LPortErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i> <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG		Read-Write
CVA_LPortBitStuffing lportAdminBitStuffing <i>Mandatory attribute.</i> <i>Applies only to the following cards:</i> 4-port 24 channel T1 4-port 30-channel E1 10-port DSX-1 4-port unchannelized T1 4-port unchannelized E1 4-port 24-channel DSX 1-port 28-channel DS3	CvDs0BitStuffing		Read-Write
CVA_LPortAdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCrcChecking lportAdminCrcChecking <i>Mandatory attribute. Applies to 2-port HSSI card only.</i>	CvCrcChecking		Read-Write
CVA_LPortIfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPortBackupServiceName lportAdminCanBackupServiceNames	CvBoolean	FALSE False	Read-Write
CVA_LPortMildThreshold lportAdminMildThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	225 4-port 24-channel T1 card: 175 4-port 30-channel E1 card: 150 2-port HSSI card, 1-port ATM UNI DS3 card, and 1-port ATM UNI E3 card: 4268 1-port 28-channel DS3 card: 480	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortAbsoluteThreshold lportAdminFrAbsThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	588 4-port 24-channel T1 card: 225 4-port 30-channel E1 card: 174 2-port HSSI card, 1-port ATM UNI DS3 card, and 1-port ATM UNI E3 card: 17070 1-port 28-channel DS3 card: 1922	Read-Write
CVA_LPortSevereThreshold lportAdminFrSevereThreshold <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	294 4-port 24-channel T1 card: 200 4-port 30-channel E1 card: 165 2-port HSSI card, 1-port ATM UNI DS3 card, 1-port ATM UNI E3 card: 8535 1-port 28-channel DS3 card: 961	Read-Write
CVA_LPortBadPvcFactor lportAdminFrBadPvcFactor <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	30	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortCheckInterval lportAdminCheckInterval <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_LPortAmberReductionPs lportAdminFrAmberPs <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	75	Read-Write
CVA_LPortAmberReductionPm lportAdminFrAmberPm <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	50	Read-Write
CVA_LPortClearDelay lportAdminClearDelay <i>Does not apply to 1-port ATM IWU OC3, 1-port ATM CS/DS3, or 1-port ATM CS/E3 cards.</i>	LONG	3	Read-Write
CVA_LPortAtmProtocol lportAtmAtmProtocolType <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmProtocol	cvAtmProtocolUni31 UNI-3.1	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortUniType lportAtmAtmUniType <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmUniType	cvAtmUniTypePublic Public	Read-Write
CVA_LPortNumOfValidVpiBits lportAtmAtmValidVpiBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	4	Read-Write
CVA_LPortNumOfValidVciBits lportAtmAtmValidVciBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	7 1-port ATM IWU OC3 card: 8 1-port ATM CS/DS3 card: 8	Read-Write
CVA_LPortCallAdminControl lportAtmAtmCallAdmControl <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBwPolicing	cvBwPolicingEnabled Enabled	Read-Write
CVA_LPortCellHeadFormat lportAtmCellHeadFormat <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmCellHeader Format	cvAtmUniCellHeaders Uni	Read-Write

Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ConnectionClass lportAtmConnectionClass <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmConnectionClass	atmDirect Direct	R
CVA_LPort PvcRangeVpiStart lportAtmPvcRangeVpiStart <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPort PvcRangeVpiStop lportAtmPvcRangeVpiStop <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPort VpiToVpciOffset lportAtmVpiToVpciOffset <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPort CircuitAlarmEnabled lportAtmOamCircuitAlarms <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortAlarmTimerThreshold lportAtmOamAlarmTimerThreshold <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	5	Read-Write
CVA_LPortPvpVpiMin lportAtmPvpVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Only
CVA_LPortPvpVpiMax lportAtmPvpVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	255	Read-Only
CVA_LPortPvcVpiMin lportAtmPvcVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	1 1-port ATM IWU OC3 card: 0 1-port ATM CS/DS3 card: 0	Read-Only
CVA_LPortPvcVpiMax lportAtmPvcVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	15	Read-Only

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDX 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortPvcVciMin lportAtmPvcVciMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	32	Read-Only
CVA_LPortPvcVciMax lportAtmPvcVciMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	127 1-port ATM IWU OC3 card: 255 1-port ATM CS/DS3 card: 255	Read-Only
CVA_LPortSvcVpiMin lportAtmSvcVpiMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortSvcVpiMax lportAtmSvcVpiMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortSvcVciMin lportAtmSvcVciMin <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortSvcVciMax lportAtmSvcVciMax <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortIlmiAdminStatus lportAtmIlmiAdminStatus <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmIlmiAdminStatus	cvAtmIlmiAdmin Disabled Disabled	Read-Write
CVA_LPortDtePrefixScreenMode lportAtmIlmiDteScreenMode <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmIlmiDtePfx Screen	cvAtmIlmiScreen AcceptAll AcceptAll	Read-Write
CVA_LPortPollPeriod lportAtmIlmiPollPeriod <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	5	Read-Write
CVA_LPortLossThreshold lportAtmIlmiLossThreshold <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	4	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortlmiVpiBits lportAtmLmiValidVpiBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	0	Read-Write
CVA_LPortlmiVciBits lportAtmLmiValidVciBits <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	16	Read-Write
CVA_LPortIsCbrDynamic lportAtmIsCbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortCbrPercentage lportAtmCbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsCbrDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrRTDynamic lportAtmIsVbrRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortVbrRTPercentage lportAtmVbr1BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrNRTDynamic lportAtmIsVbrNRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortVbrNRTPercentage lportAtmVbr2BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrNRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsUbrDynamic lportAtmIsUbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortUbrPercentage lportAtmUbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsUbrDynamic is False.</i>	INTEGER	0	Read-Write

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortCbrRoutingMetric lportAtmCbrRouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQosRouting Metric	cvAtmQoSRoutingCdv CellDelayVariation	Read-Write
CVA_LPortVbrRTRoutingMetric lportAtmVbr1RouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortVbrNRTRoutingMetric lportAtmVbr2RouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortUbrRoutingMetric lportAtmUbrRouteMetric <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvAtmQosRouting Metric	cvAtmQoSRouting AdminCost AdminCost	Read-Write
CVA_LPortCbrUtilFactor lportAtmCbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Only

**Table 1-96. ATM UNI DTE LPort Attributes (on B-STDx 8000/9000 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortVbrRTUtilFactor lportAtmVbr1BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortVbrNRTUtilFactor lportAtmVbr2BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortUbrUtilFactor lportAtmUbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortFractionalDs0s lportAdminFractionalDs0s <i>Mandatory attribute. Applies only to the following cards: 1-port 24-channel T1 1-port 30-channel E1 4-port 24-channel T1 4-port 30-channel E1 4-port 24-channel DSX</i>	LONG		Read-Write

ATM OPTimum Cell Trunk LPort on CBX 500 Switch

Table 1-97. ATM OPTimum Cell Trunk LPort Attributes (on CBX 500 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmOPTimumCellTrunk atmOPTimumCellTrunk	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort ISCBrdynamic lportAtmIsCbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort CBRPercentage lportAtmCbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort ISVbrRTdynamic lportAtmIsVbrRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrRTPercentage lportAtmVbr1BwAlloc	INTEGER	0	Read-Write

**Table 1-97. ATM OPTimum Cell Trunk LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort IsVbrNRTDynamic lportAtmIsVbrNRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrNRTPercentage lportAtmVbr2BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsUbrDynamic lportAtmIsUbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort UbrPercentage lportAtmUbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort CbrUtilFactor lportAtmCbrBwOversub	INTEGER	100	Read-Only
CVA_LPort VbrRTUtilFactor lportAtmVbr1BwOversub	INTEGER	100	Read-Write
CVA_LPort VbrNRTUtilFactor lportAtmVbr2BwOversub	INTEGER	100	Read-Write
CVA_LPort UbrUtilFactor lportAtmUbrBwOversub	INTEGER	100	Read-Write
CVA_LPort Cdv lportAdminCdv <i>Mandatory attribute.</i>	LONG		Read-Write

ATM OPTimum Cell Trunk LPort on B-STDx 8000/9000 Switch

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDx 8000/9000 Switch)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort ServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmOPTimumCellTrunk atmOPTimumCellTrunk	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute.</i> <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute.</i> <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDX 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort TrafficShaperId lportAdminTrafficShaperId <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Write
CVA_LPort TSPriority lportAdminTSPriority <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	1	Read-Only
CVA_LPort TSSustCellRate lportAdminTSSustCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	96000 1-port ATM IWU OC3 card: 353208	Read-Only
CVA_LPort TSPeakCellRate lportAdminTSPeakCellRate <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	96000 1-port ATM IWU OC3 card: 353208	Read-Only
CVA_LPort TSBurstTolerance lportAdminTSBurstTolerance <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG	2	Read-Only

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortAtmPcqIndex lportAtmAtmPcqIndex <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	INTEGER	0	Read-Write
CVA_LPortAtmPeakCellRate lportAtmAtmPeakCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Only
CVA_LPortAtmBurstTolerance lportAtmAtmBurstTolerance <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortAtmSustainCellRate lportAtmAtmSustainCellRate <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	0	Read-Write
CVA_LPortIsCbrDynamic lportAtmIsCbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortCbrPercentage lportAtmCbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsCbrDynamic is False.</i>	INTEGER	0	Read-Write

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDX 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortIsVbrRTDynamic lportAtmIsVbrRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortVbrRTPercentage lportAtmVbr1BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrNRTDynamic lportAtmIsVbrNRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortVbrNRTPercentage lportAtmVbr2BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrNRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsUbrDynamic lportAtmIsUbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDX 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortUbrPercentage lportAtmUbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsUbrDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortCbrUtilFactor lportAtmCbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Only
CVA_LPortVbrRTUtilFactor lportAtmVbr1BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortVbrNRTUtilFactor lportAtmVbr2BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPortUbrUtilFactor lportAtmUbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write

Table 1-98. ATM OPTimum Cell Trunk LPort Attributes (on B-STDX 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortCdv lportAdminCdv <i>Mandatory attribute.</i> <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	LONG		Read-Write

ATM NNI LPort

Table 1-99. ATM NNI LPort Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPortAtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmNni atmNni	Create-Only
CVA_LPortName lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPortVpnName lportAdminVpnName	STRING	Public	Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort CustomerName lportAdminCustomerName	STRING	Public	Read-Write
CVA_LPort PrivNetOverflow lportAdminNetOverflow	LPortPrivNetOverflow	LPortUsePublicPrivNet Overflow Public	Read-Write
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort RmCellGen lportAtmFcpRmCellGen <i>Mandatory attribute.</i>	LPortObj__Config__ CvRmCellGenType		Read-Write
CVA_LPort RmCellTerm lportAtmFcpRmCellTerm <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvRmCellTermType		Read-Write
CVA_LPort EfciBitCheck lportAtmFcpEfciBitCheck <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvEfciBitCheckType		Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort TotalBuffer lportAtmFcpTotalBuffer <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LONG		Read-Write
CVA_LPort Clp01Thresh lportAtmFcpClp01Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfcThresh.</i>	LONG		Read-Write
CVA_LPort DiscardThresh lportAtmFcpDiscardThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfcThresh.</i>	LONG		Read-Write
CVA_LPort EfcThresh lportAtmFcpEfcThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= EfcThresh.</i>	LONG		Read-Write
CVA_LPort AtmProtocol lportAtmAtmProtocolType	CvAtmProtocol	cvAtmProtocolBici11 BICI-1.1	Read-Write
CVA_LPort ConnectionType lportAtmAtmConnType	CvConnectionType	cvConnTypeNetNet NetToNet	Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortNumOfValidVpiBits lportAtmAtmValidVpiBits	INTEGER	4	Read-Write
CVA_LPortNumOfValidVciBits lportAtmAtmValidVciBits	INTEGER	10	Read-Write
CVA_LPortCallAdminControl lportAtmAtmCallAdmControl	CvBwPolicing	cvBwPolicingEnabled Enabled	Read-Write
CVA_LPortNpcFunction lportAtmNpcFunction	CvAtmUpcFunction	cvUpcEnabled Enabled	Read-Write
CVA_LPortCellHeadFormat lportAtmCellHeadFormat	CvAtmCellHeader Format	cvAtmNniCellHeaders NNI	Read-Write
CVA_LPortConnectionClass lportAtmConnectionClass <i>For virtual Uni type, the default value is "Virtual."</i>	CvAtmConnectionClass	atmDirect Direct	Read-Only
CVA_LPortPvcRangeVpiStart lportAtmPvcRangeVpiStart <i>No default value for virtual Uni type.</i>	INTEGER	0	Read-Write
CVA_LPortPvcRangeVpiStop lportAtmPvcRangeVpiStop <i>No default value for virtual Uni type.</i>	INTEGER	15	Read-Write
CVA_LPortVpiToVpciOffset lportAtmVpiToVpciOffset	INTEGER	0	Read-Write
CVA_LPortCircuitAlarmEnabled lportAtmOamCircuitAlarms	CvBoolean	TRUE True	Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AlarmTimerThreshold lportAtmOamAlarmTimerThreshold	INTEGER	5	Read-Write
CVA_LPort IsCbrDynamic lportAtmIsCbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort CbrPercentage lportAtmCbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrRTDynamic lportAtmIsVbrRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrRTPercentage lportAtmVbr1BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrNRTDynamic lportAtmIsVbrNRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrNRTPercentage lportAtmVbr2BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsUbrDynamic lportAtmIsUbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort UbrPercentage lportAtmUbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort CbrUtilFactor lportAtmCbrBwOversub	INTEGER	100	Read-Only
CVA_LPort VbrRTUtilFactor lportAtmVbr1BwOversub	INTEGER	100	Read-Write
CVA_LPort VbrNRTUtilFactor lportAtmVbr2BwOversub	INTEGER	100	Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortUbrUtilFactor lportAtmUbrBwOversub	INTEGER	100	Read-Write
CVA_LPortSvcAccounting lportAtmBillingSvcAccounting	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPortPvcParamRec lportAtmBillingPvcParamRec	CvLpAcctControl	lpAcctDisabled Disabled	Read-Write
CVA_LPortCarrierId lportAtmBillingCarrierId	INTEGER	0	Read-Write
CVA_LPortGenPtPt lportAtmBillingGenPtPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPortGenPtMultiPt lportAtmBillingGenPtMultiPt	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPortGenUnsuccess lportAtmBillingGenUnsuccess	CvLpAcctGeneral Recording	lpAcctGenRecEnabled Enabled	Read-Write
CVA_LPortIntraAbr lportAtmBillingIntraAbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPortIntraUbr lportAtmBillingIntraUbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPortIntraVbr lportAtmBillingIntraVbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPortIntraCbr lportAtmBillingIntraCbr	CvLpIntraRecording	lpAcctIntraRecEnabled Enabled	Read-Write
CVA_LPortSvcSubAddr lportAtmBillingSvcSubAddr	CvLpAcctSub Recording	lpAcctSubRecDisabled Disabled	Read-Write

Table 1-99. ATM NNI LPort Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortAddrSameAsUni lportAtmBillingAddrSameAsUni	CvBoolean	TRUE True	Read-Write
CVA_LPortNtmCt0 lportAtmNtmCt0	LONG	0	Read-Write
CVA_LPortNtmCt1 lportAtmNtmCt1	LONG	0	Read-Write
CVA_LPortNtmCt2 lportAtmNtmCt2	LONG	0	Read-Write
CVA_LPortNtmCt3 lportAtmNtmCt3	LONG	0	Read-Write
CVA_LPortNtmNotificationTime lportAtmNtmNotificationTime	LONG	30	Read-Write

ATM Direct Trunk LPort on CBX 500 Switch**Table 1-100. ATM Direct Trunk LPort Attributes (on CBX 500 Switch)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only

**Table 1-100. ATM Direct Trunk LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort AtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmDirectTrunk atmDirectTrunk	Create-Only
CVA_LPort Name lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort RmCellGen lportAtmFcpRmCellGen <i>Mandatory attribute.</i>	LPortObj__Config__ CvRmCellGenType		Read-Write
CVA_LPort RmCellTerm lportAtmFcpRmCellTerm <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvRmCellTermType		Read-Write
CVA_LPort EfciBitCheck lportAtmFcpEfciBitCheck <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i>	LPortObj__Config__ CvEfciBitCheckType		Read-Write

Table 1-100. ATM Direct Trunk LPort Attributes (on CBX 500 Switch)
(Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort TotalBuffer <i>Mandatory attribute.</i> lportAtmFcpTotalBuffer <i>Valid only when FCP is enabled.</i>	LONG		Read-Write
CVA_LPort Clp01Thresh lportAtmFcpClp01Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= Efc1Thresh.</i>	LONG		Read-Write
CVA_LPort DiscardThresh lportAtmFcpDiscardThresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= Efc1Thresh.</i>	LONG		Read-Write
CVA_LPort Efc1Thresh lportAtmFcpEfc1Thresh <i>Mandatory attribute.</i> <i>Valid only when FCP is enabled.</i> <i>Clp01Thresh >= DiscardThresh >= Efc1Thresh.</i>	LONG		Read-Write
CVA_LPort IsCbrDynamic lportAtmIsCbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort CbrPercentage lportAtmCbrBwAlloc	INTEGER	0	Read-Write

**Table 1-100. ATM Direct Trunk LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort IsVbrRTDynamic lportAtmIsVbrRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrRTPercentage lportAtmVbr1BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsVbrNRTDynamic lportAtmIsVbrNRTDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort VbrNRTPercentage lportAtmVbr2BwAlloc	INTEGER	0	Read-Write
CVA_LPort IsUbrDynamic lportAtmIsUbrDynamic	CvBoolean	TRUE True	Read-Write
CVA_LPort UbrPercentage lportAtmUbrBwAlloc	INTEGER	0	Read-Write
CVA_LPort CbrUtilFactor lportAtmCbrBwOversub	INTEGER	100	Read-Only
CVA_LPort VbrRTUtilFactor lportAtmVbr1BwOversub	INTEGER	100	Read-Write
CVA_LPort VbrNRTUtilFactor lportAtmVbr2BwOversub	INTEGER	100	Read-Write
CVA_LPort UbrUtilFactor lportAtmUbrBwOversub	INTEGER	100	Read-Write
CVA_LPort NtmCt0 lportAtmNtmCt0	LONG	0	Read-Write
CVA_LPort NtmCt1 lportAtmNtmCt1	LONG	0	Read-Write

**Table 1-100. ATM Direct Trunk LPort Attributes (on CBX 500 Switch)
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortNtmCt2 lportAtmNtmCt2	LONG	0	Read-Write
CVA_LPortNtmCt3 lportAtmNtmCt3	LONG	0	Read-Write
CVA_LPortNtmNotificationTime lportAtmNtmNotificationTime	LONG	30	Read-Write

ATM Direct Trunk LPort on B-STDX 8000/9000 Switch

**Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDX 8000/9000
Switch)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPortServiceType lportAdminServiceType <i>Mandatory attribute.</i>	CvServiceType	serviceAtm Atm	Create-Only
CVA_LPortAtmType lportAtmAtmType <i>Mandatory attribute.</i>	CvAtmLPortType	atmDirectTrunk atmDirectTrunk	Create-Only
CVA_LPortName lportAdminLportName <i>Mandatory attribute.</i>	STRING		Create-Only

Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort Bandwidth lportAdminBandwidth <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_LPort CongestionThreshold lportAdminCongestionThreshold <i>Mandatory attribute. Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Write
CVA_LPort ErrorPerMinThreshold lportAdminErrorPerMinThreshold <i>Mandatory attribute. Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG		Read-Write
CVA_LPort AdminStatus lportAdminAdminStatus <i>Mandatory attribute.</i>	CvLPortAdminStatus	lPortAdminUp Up	Read-Write
CVA_LPort IfIndex lportAdminIfIndex	INTEGER		Read-Only
CVA_LPort MildThreshold lportAdminMildThreshold <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	4268	Read-Write
CVA_LPort AbsoluteThreshold lportAdminFrAbsThreshold <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	17070	Read-Write

Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_LPort SevereThreshold lportAdminFrSevereThreshold <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	8535	Read-Write
CVA_LPort BadPvcFactor lportAdminFrBadPvcFactor <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	30	Read-Write
CVA_LPort CheckInterval lportAdminCheckInterval <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	1	Read-Write
CVA_LPort AmberReductionPs lportAdminFrAmberPs <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	75	Read-Write
CVA_LPort AmberReductionPm lportAdminFrAmberPm <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	50	Read-Write
CVA_LPort ClearDelay lportAdminClearDelay <i>Applies only to 1-port ATM UNI DS3 card and 1-port ATM UNI E3 card.</i>	LONG	3	Read-Write

Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortIsCbrDynamic lportAtmIsCbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortCbrPercentage lportAtmCbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsCbrDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrRTDynamic lportAtmIsVbrRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortVbrRTPercentage lportAtmVbr1BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsVbrNRTDynamic lportAtmIsVbrNRTDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write

Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPortVbrNRTPercentage lportAtmVbr2BwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsVbrNRTDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortIsUbrDynamic lportAtmIsUbrDynamic <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	CvBoolean	TRUE True	Read-Write
CVA_LPortUbrPercentage lportAtmUbrBwAlloc <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards. Applies only when CVT_LPortIsUbrDynamic is False.</i>	INTEGER	0	Read-Write
CVA_LPortCbrUtilFactor lportAtmCbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Only
CVA_LPortVbrRTUtilFactor lportAtmVbr1BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write

Table 1-101. ATM Direct Trunk LPort Attributes (on B-STDx 8000/9000 Switch) (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_LPort VbrNRTUtilFactor lportAtmVbr2BwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write
CVA_LPort UbrUtilFactor lportAtmUbrBwOversub <i>Applies only to 1-port ATM IWU OC3, 1-port ATM CS/DS3, and 1-port ATM CS/E3 cards.</i>	INTEGER	100	Read-Write

Point to Point Circuit Attributes

Table 1-102. Types for Circuit Endpoints

LPort Type	Card Type	Frame Based	Cell Based	Cell-On-Frame Based
lportMultiHopMPVC	CP card on CBX 500 switch (one instance per switch).		✓	
atmNni	Any applicable card		✓	
atmUniDce/atmUniDte	8-port DS3 card		✓	
	8-port E3 card		✓	
	8-port T1 card		✓	
	8-port E1 card		✓	
	4-port OC-3c/STM-1 card		✓	
	1-port OC-12c/STM-4 card		✓	
	1-port ATM IWU OC3 card		✓	
	1-port ATM CS/DS3 card		✓	
atmUniDce/atmUniDte	1-port ATM UNI DS3 card			✓
	1-port ATM UNI E3 card			✓
All other LPorts		✓		



In the following tables, an asterisk () following a MIB variable indicates that the variable is used only when the endpoint is a ServiceName.*

Circuit Attributes When Both Endpoints are Frame Based

Table 1-103. Circuit Attributes When Both Endpoints are Frame Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass frCircuitEndpointQosClass frCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit FwdQOSClass frCircuitEndpointQosClass frCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit Cir1 frCircuitEndpointCir frCircuitServiceNameEndpointCir* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Bc1 frCircuitEndpointBc frCircuitServiceNameEndpointBc* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Be1 frCircuitEndpointBe frCircuitServiceNameEndpointBe* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Cir2 frCircuitEndpointCir frCircuitServiceNameEndpointCir* <i>Mandatory attribute.</i>	LONG		Read-Write

**Table 1-103. Circuit Attributes When Both Endpoints are Frame Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Bc2 frCircuitEndpointBc frCircuitServiceNameEndpointBc* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Be2 frCircuitEndpointBe frCircuitServiceNameEndpointBe* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit GracefulDiscard frCircuitEndpointGracefulDiscard frCircuitServiceNameEndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDisard Enabled On	Read-Write
CVA_Circuit RevGracefulDiscard frCircuitEndpointGracefulDiscard frCircuitServiceNameEndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit AdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_Circuit Priority frCircuitEndpointCircuitPriority frCircuitServiceNameEndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write

**Table 1-103. Circuit Attributes When Both Endpoints are Frame Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_CircuitRevPriority frCircuitEndpointCircuitPriority frCircuitServiceNameEndpointPriority* <i>If CVA_CircuitRevQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_CircuitRerouteBalance circuitiCrossConnectRerouteBalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_CircuitFwdZeroCIR frCircuitEndpointZeroCIEnabled frCircuitServiceNameEndpointCIR Enabled*	CvCircuitZeroCIR	cvCircuitZeroCIROff Off	Read-Write
CVA_CircuitRevZeroCIR frCircuitEndpointZeroCIEnabled frCircuitServiceNameEndpointCIR Enabled*	CvCircuitZeroCIR	cvCircuitZeroCIROff Off	Read-Write
CVA_CircuitFwdRateEnfScheme frCircuitEndpointRateEnfScheme frCircuitServiceNameEndpointRateEnf Scheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write
CVA_CircuitRevRateEnfScheme frCircuitEndpointRateEnfScheme frCircuitServiceNameEndpointRate EnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write

**Table 1-103. Circuit Attributes When Both Endpoints are Frame Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit FwdDeltaBc frCircuitEndpointDeltaBc frCircuitServiceNameEndpointDelta Bc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit FwdDeltaBe frCircuitEndpointDeltaBe frCircuitServiceNameEndpointDelata Be* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit RevDeltaBc frCircuitEndpointDeltaBc frCircuitServiceNameEndpointDelta Bc* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit RevDeltaBe frCircuitEndpointDeltaBe frCircuitServiceNameEndpointDelta Be* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write

**Table 1-103. Circuit Attributes When Both Endpoints are Frame Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Name circuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_Circuit Endpoint2 circuitCrossConnectSwitchId2 circuitCrossConnectIfIndex2 circuitCrossConnectDLCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by three variables: SwitchId2, IfIndex2, and DLCI2.</i> <i>If the endpoint2 has a service name binding associated with it, then it is represented by NetworkId, ServiceName, and DLCI.</i>	OBJID		Create-Only
CVA_Circuit BandwidthPriority circuitCrossConnectBandwidthPriority	INTEGER	0	Read-Write
CVA_Circuit BumpingPriority circuitCrossConnectBumpingPriority	INTEGER	0	Read-Write
CVA_Circuit FwdRedFramePercent frCircuitEndpointRedFramePercent frCircuitServiceNameEndpointRed FramePercent*	LONG	100	Read-Write

**Table 1-103. Circuit Attributes When Both Endpoints are Frame Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevRedFramePercent frCircuitEndpointRedFramePercent frCircuitServiceNameEndpointRed FramePercent*	LONG	100	Read-Write
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	privateNetOverflow Public Public	Read-Write
CVA_Circuit Endpoint1SlotId frCircuitEndpointSlotId frCircuitServiceNameEndpointSlotId*	LONG		Read-Only
CVA_Circuit Endpoint2SlotId frCircuitEndpointSlotId frCircuitServiceNameEndpointSlotId*	LONG		Read-Only
CVA_Circuit Endpoint1PPortId frCircuitEndpointPPortId frCircuitServiceNameEndpointPPortId*	LONG		Read-Only
CVA_Circuit Endpoint2PPortId frCircuitEndpointPPortId frCircuitServiceNameEndpointPPortId*	LONG		Read-Only

* The MIB variable should be used only if the endpoint is a ServiceName.

Circuit Attributes When Both Endpoints are Cell Based

Table 1-104 lists the required param values for each Qos class and traffic descriptor type. When you choose a particular Qos class and traffic descriptor type, you need to provide the corresponding Param values listed in the last column. For this type of circuit, priority applies to VBRRealTime and VBRNonRealTime only.

Table 1-104. Relation of Attributes for Cell Based to Cell Based Circuit Endpoint

QoS	Priority	Traffic Type	Param
CBR	N/A	PcrClp0PcrClp01 PcrClp0PcrClp01Tag PcrClp01	param1, param2 param1, param2 param1
VBRRealTime	(1,2,3,4)	PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01ScrClp01MbsClp01	param1, param2, param3 param1, param2, param3 param1, param2, param3
VBRNonRealTime	(1,2,3)	PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01ScrClp01MbsClp01	param1, param2, param3 param1, param2, param3 param1, param2, param3
UBR	N/A	PcrClp01 PcrClp01BestEffort	param1 param1
ABR	N/A	PcrClp0McrClp0	param1, param2

Table 1-105. Circuit Attributes When Both Endpoints are Cell Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass atmCircuitEndpointQosClass atmCircuitServiceNameEndpointQos Class* <i>Mandatory attribute.</i>	cvClassOfSrv	cvCOSCBR CBR	Read-Write
CVA_Circuit RevTrafficDescType atmCircuitEndpointTrafficDescrType atmCircuitServiceNameEndpointTraffic DescrType*	cvAtmTrafficDescType	cvAtmTfD_PcrClp0Pcr Clp01 PcrClp0PcrClp01	Read-Write
CVA_Circuit FwdQOSClass atmCircuitEndpointQosClass atmCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSCBR CBR	Read-Write
CVA_Circuit FwdTrafficDescType atmCircuitEndpointTrafficDescrType atmCircuitServiceNameEndpointTraffic DescrType*	cvAtmTrafficDescType	cvAtmTfD_PcrClp0Pcr Clp01 PcrClp0PcrClp01	Read-Write
CVA_Circuit FwdParam1 atmCircuitEndpointTrafficDescrParam1 atmCircuitServiceNameEndpointTraffic DescrParam1* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_CircuitFwdParam2 atmCircuitEndpointTrafficDescrParam2 atmCircuitServiceNameEndpointTrafficDescrParam2* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write
CVA_CircuitFwdParam3 atmCircuitEndpointTrafficDescrParam3 atmCircuitServiceNameEndpointTrafficDescrParam3* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write
CVA_CircuitRevParam1 atmCircuitEndpointTrafficDescrParam1 atmCircuitServiceNameEndpointTrafficDescrParam1* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write
CVA_CircuitRevParam2 atmCircuitEndpointTrafficDescrParam2 atmCircuitServiceNameEndpointTrafficDescrParam2* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitRevParam3 atmCircuitEndpointTrafficDescrParam3 atmCircuitServiceNameEndpointTrafficDescrParam3* <i>Mandatory attribute (depending on traffic descriptor type).</i>	LONG		Read-Write
CVA_CircuitFwdFcpDiscard atmCircuitEndpointFcpDiscard atmCircuitServiceNameEndpointFcpDiscard* <i>Applies only when the corresponding Qos is VBRNonRealTime.</i>	CvDiscardSelect	discardSelectDisabled EPD	Read-Write
CVA_CircuitRevFcpDiscard atmCircuitEndpointFcpDiscard atmCircuitServiceNameEndpointFcpDiscard* <i>Applies only when the corresponding Qos is VBRNonRealTime.</i>	CvDiscardSelect	discardSelectDisabled EPD	Read-Write
CVA_CircuitAdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_CircuitPriority atmCircuitEndpointCircuitPriority atmCircuitServiceNameEndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	circuitPriorityHigh 1	Read-Write

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitRevPriority atmCircuitEndpointCircuitPriority atmCircuitServiceNameEndpoint Priority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	circuitPriorityHigh 1	Read-Write
CVA_CircuitRerouteBalance CircuitCrossConnectRerouteBalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_CircuitName CircuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_CircuitEndpoint2 CircuitCrossConnectSwitchId2 CircuitCrossConnectIfIndex2 CircuitCrossConnectVPI2 CircuitCrossConnectVCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by four variables: SwitchId2, IfIndex2, VPI2, and VCI2.</i> <i>If the Endpoint has a service name binding associated with it, then it is represented by NetworkId, ServiceName, VPI, and VCI.</i>	OBJID		Create-Only

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit UpcFunction CircuitCrossConnectUpcFunction	CvAtmUpcFunction	cvUpcEnabled Enabled	Read-Write
CVA_Circuit CdvTolerance circuitCrossConnectCDVTolerance	LONG	600	Read-Write
CVA_Circuit OamAlarms circuitCrossConnectOAMAlarms Enabled	CvOamAlarms	cvOamAlarmsEnabled Enabled	Read-Write
CVA_Circuit CircuitType circuitCrossConnectCircuitType	cvAtmPvcType	cvAtmVcc Vcc	Read-Only
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	privateNetOverflow Public Public	Read-Write
CVA_Circuit NdcEnable1 atmCircuitNdcEnable1 <i>Applies only to pure ATM endpoints.</i>	CvCktNdcEnable	cktNdcEnableOff Off	Read-Write
CVA_Circuit NdcEnable2 atmCircuitNdcEnable2 <i>Applies only to pure ATM endpoints.</i>	CvCktNdcEnable	cktNdcEnableOff Off	Read-Write
CVA_Circuit TotalPVCsEnabledOn Card1 atmCircuitNdcTotalPVCsEnabedOn Card1	LONG	1	Read-Only

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit LimitOfPVCsEnabledOn Card1 atmCircuitNdcLimitOfPVCs EnabledOnCard1	LONG	360	Read-Only
CVA_Circuit TotalPVCsEnabledOn Card2 atmCircuitNdcTotalPVCsEnabedOn Card2	LONG	1	Read-Only
CVA_Circuit LimitOfPVCsEnabledOn Card2 atmCircuitNdcLimitOfPVCsEnabledOn Card2	LONG	360	Read-Only
CVA_Circuit Clp0CellThresh1 atmCircuitNdcClp0CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit Clp1CellThresh1 atmCircuitNdcClp1CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit Clp0CellThresh2 atmCircuitNdcClp0CellThresh2 <i>Applies only when the value of the CVA_CircuitNdcEnable2 is On.</i>	LONG	0	Read-Write
CVA_Circuit Clp1CellThresh2 atmCircuitNdcClp1CellThresh2 <i>Applies only when the value of the CVA_CircuitNdcEnable2 is On.</i>	LONG	0	Read-Write

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit AcctChrgPartyId1 atmCircuitBillingAcctChrgPartyId1	LONG		Read-Write
CVA_Circuit AcctUsageMeasure1 atmCircuitBillingAcctUsage Measure1	CvCktAtmBillUsage	cvCktAtmBillUsage Enabled Enabled	Read-Write
CVA_Circuit AcctPvcControl1 atmCircuitBillingAcctPvcControl1	CvCktAtmBillPvc Control	cvCktAtmBillControl Enabled Enabled	Read-Write
CVA_Circuit AcctChrgPartyId2 atmCircuitBillingAcctChrgPartyId2	LONG		Read-Write
CVA_Circuit AcctUsageMeasure2 atmCircuitBillingAcctUsage Measure2	CvCktAtmBillUsage	cvCktAtmBillUsage Enabled Enabled	Read-Write
CVA_Circuit AcctPvcControl2 atmCircuitBillingAcctPvcControl2	CvCktAtmBillPvc Control	cvCktAtmBillControl Enabled Enabled	Read-Write
CVA_Circuit Endpoint1SlotId atmCircuitEndpointSlotId atmCircuitServiceNameEndpointSlot Id*	LONG		Read-Only
CVA_Circuit Endpoint2SlotId atmCircuitEndpointSlotId atmCircuitServiceNameEndpointSlot Id*	LONG		Read-Only

**Table 1-105. Circuit Attributes When Both Endpoints are Cell Based
(Continued)**

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Endpoint1PPortId atmCircuitEndpointPPortId atmCircuitServiceNameEndpointPPort Id*	LONG		Read-Only
CVA_Circuit Endpoint2PPortId atmCircuitEndpointPPortId atmCircuitServiceNameEndpointPPort Id*	LONG		Read-Only

* The MIB variable should be used only if the endpoint is a ServiceName.

Circuit Attributes When Both Endpoints are Cell-On-Frame Based

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass interworkingCircuitEndpointQosClass interworkingCircuitServiceName EndpointQosClass*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit FwdQOSClass interworkingCircuitEndpointQosClass interworkingCircuitServiceName EndpointQosClass*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Scr1 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs1 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Pcr1 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Scr2 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs2 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Pcr2 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit AdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_Circuit Priority atmCircuitEndpointCircuitPriority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_Circuit RevPriority interworkingCircuitEndpointCircuit Priority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_Circuit RerouteBalance circuitCrossConnectRerouteBalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_Circuit Name circuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitEndpoint2 circuitCrossConnectSwitchId2 circuitCrossConnectIfIndex2 circuitCrossConnectVPI2 circuitCrossConnectVCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by four variables: SwitchId2, IfIndex2, VPI2, and VCI2.</i> <i>If the Endpoint2 has a service name binding, then it is represented by NetworkId, ServiceName, VPI, and VCI.</i>	OBJID		Create-Only
CVA_CircuitBandwidthPriority circuitCrossConnectBandwidthPriority	INTEGER	0	Read-Write
CVA_CircuitBumpingPriority circuitCrossConnectBumpingPriority	INTEGER	0	Read-Write
CVA_CircuitFwdRedFramePercent atmCirciutEndpointRedFramePercent interworkingCircuitServiceName EndpointRedFramePercent*	LONG	100	Read-Write
CVA_CircuitRevRedFramePercent atmCircuitEndpointRedFramePercent interworkingCircuitServiceName EndpointRedFramePercent*	LONG	100	Read-Write

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	privateNetOverflow Public Public	Read-Write
CVA_Circuit FwdRateEnfScheme interworkingCircuitEndpointRateEnf Scheme interworkingCircuitServiceName EndpointRateEnfScheme*	RateEnforcement Scheme	SimpleScheme Simple	Read-Write
CVA_Circuit RevRateEnfScheme interworkingCircuitEndpointRateEnf Scheme interworkingCircuitServiceName EndpointRateEnfScheme*	RateEnforcement Scheme	SimpleScheme Simple	Read-Write
CVA_Circuit FwdDeltaBc interworkingCircuitEndpointDeltaBc interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevDeltaBc interworkingCircuitEndpointDeltaBc interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit FwdDeltaBe interworkingCircuitEndpointDeltaBe interworkingCircuitServiceName EndpointDeltaBe* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit RevDeltaBe interworkingCircuitEndpointDeltaBe interworkingCircuitServiceName EndpointDeltaBe* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit GracefulDiscard interworkingCircuitEndpointGraceful Discard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write

Table 1-106. Circuit Attributes When Both Endpoints are Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevGracefulDiscard interworkingCircuitEndpointGracefulDiscard interworkingCircuitServiceNameEndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscardEnabled On	Read-Write
CVA_Circuit Endpoint1SlotId interworkingCircuitEndpointSlotId interworkingCircuitServiceNameEndpointSlotId*	LONG		Read-Only
CVA_Circuit Endpoint2SlotId interworkingCircuitEndpointSlotId interworkingCircuitServiceNameEndpointSlotId*	LONG		Read-Only
CVA_Circuit Endpoint1PPortId interworkingCircuitEndpointPPortId interworkingCircuitServiceNameEndpointPPortId*	LONG		Read-Only
CVA_Circuit Endpoint2PPortId interworkingCircuitEndpointPPortId interworkingCircuitServiceNameEndpointPPortId*	LONG		Read-Only

* The MIB variable should be used only if the endpoint is a ServiceName.

Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Interworking)

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass frCircuitEndpointQosClass frCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit FwdQOSClass interworkingCircuitEndpointQosClass atmCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit Scr1 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs1 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Pcr1 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute</i>	LONG		Read-Write

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Cir2 frCircuitEndpointCir frCircuitServiceNameEndpointCir* <i>Mandatory attribute</i>	LONG		Read-Write
CVA_Circuit Bc2 frCircuitEndpointBc frCircuitServiceNameEndpointBc* <i>Mandatory attribute</i>	LONG		Read-Write
CVA_Circuit Be2 frCircuitEndpointBe frCircuitServiceNameEndpointBe* <i>Mandatory attribute</i>	LONG		Read-Write
CVA_Circuit GracefulDiscard interworkingCircuitEndpointGraceful Discard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit RevGracefulDiscard frCircuitEndpointGracefulDiscard frCircuitServiceNameEndpointGraceful Discard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit AdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitPriority interworkingCircuitEndpointCircuit Priority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_Circuit RevPriority frCircuitEndpointCircuitPriority frCircuitServiceNameEndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_Circuit TranslationType circuitCrossConnectTranslationType	CvCircuitXlationType	xlation1483and1490 1483and1490	Read-Write
CVA_Circuit RerouteBalance circuitCrossConnectReroutebalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_Circuit RevZeroCIR frCircuitEndpointZeroCIREnabled frCircuitServiceNameEndpointZeroCIR Enabled*	CvCircuitZeroCIR	cvCircuitZeroCIROff Off	Read-Write
CVA_Circuit FwdRateEnfScheme interworkingCircuitEndpointRateEnf Scheme interworkingCircuitServiceName EndpointRateEnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevRateEnfScheme frCircuitEndpointRateEnfScheme frCircuitServiceNameEndpointRate EnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write
CVA_Circuit FwdDeltaBc inerworkingCircuitEndpointDeltaBc interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit FwdDeltaBe interworkingCircuitEndpointDeltaBe interworkingCircuitServiceName EndpointDeltaBe* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit RevDeltaBc frCircuitEndpointDeltaBc frCircuitServiceNameEndpointDeltaBc* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitRevDeltaBe frCircuitEndpointDeltaBe frCircuitServiceNameEndpointDeltaBe* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_CircuitName circuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_CircuitEndpoint2 circuitCrossConnectSwitchId2 circuitCrossConnectIfIndex2 circuitCrossConnectDLCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by three variables: SwitchId2, IfIndex2, and DLCI2.</i> <i>If the endpoint2 has a service name binding associated with it, then it is represented by NetworkId, ServiceName, and DLCI.</i>	OBJID		Create-Only
CVA_CircuitBandwidthPriority circuitCrossConnectBandwidthPriority	INTEGER	0	Read-Write
CVA_CircuitBumpingPriority circuitCrossConnectBumpingPriority	INTEGER	0	Read-Write

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit OamAlarms circuitCrossConnectOAMAlarms Enabled	CvOamAlarms	CvOamAlarmsDisabled Disabled	Read-Write
CVA_Circuit FwdRedFramePercent interworkingCircuitEndpointRedFrame Percent interworkingCircuitServiceName EndpointRedFramePercent*	LONG	100	Read-Write
CVA_Circuit RevRedFramePercent frCircuitEndpointRedFramePercent frCircuitServiceNameEndpointRed FramePercent*	LONG	100	Read-Write
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	privateNetOverflow Public Public	Read-Write
CVA_Circuit NdcEnable1 atmCircuitNdcEnable1 <i>Applies only to pure ATM endpoints.</i>	CvCktNdcEnable	cktNdcEnableOff Off	Read-Write
CVA_Circuit TotalPVCsEnabledOn Card1 atmCircuitNdcTotalPVCsEnabedOn Card1	LONG	1	Read-Only

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit LimitOfPVCsEnabledOn Card1 atmCircuitNdcLimitOfPVCsEnabledOn Card1	LONG	360	Read-Only
CVA_Circuit Clp0CellThresh1 atmCircuitNdcClp0CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit Clp1CellThresh1 atmCircuitNdcClp1CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit AcctChrgPartyId1 atmCircuitBillingAcctChrgPartyId1	LONG		Read-Write
CVA_Circuit AcctUsageMeasure1 atmCircuitBillingAcctUsageMeasure1	CvCktAtmBillUsage	cvCktAtmBillUsage Enabled Enabled	Read-Write
CVA_Circuit AcctPvcControl1 atmCircuitBillingAcctPvcControl1	CvCktAtmBillPvc Control	cvCktAtmBillControl Enabled Enabled	Read-Write
CVA_Circuit Endpoint1SlotId interworkingCircuitEndpointSlotId interworkingCircuitServiceName EndpointSlotId2 <i>Assume endpoint 1 is cell based.</i>	LONG		Read-Only

Table 1-107. Circuit Attributes When One Endpoint is Cell Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Endpoint2SlotId frCircuitEndpointSlotId frCircuitServiceNameEndpointSlotId* <i>Assume endpoint 2 is frame based.</i>	LONG		Read-Only
CVA_Circuit Endpoint1PPortId interworkingCircuitEndpointPPortId interworkingCircuitServiceName EndpointPPortId* <i>Assume endpoint 1 is cell based.</i>	LONG		Read-Only
CVA_Circuit Endpoint2PPortId frCircuitEndpointPPortId frCircuitServiceNameEndpointPPortId* <i>Assume endpoint 2 is frame based.</i>	LONG		Read-Only
CVA_Circuit CLP circuitCrossConnectCellLossPriority	LONG	0	Read-Write
CVA_Circuit DE circuitCrossConnectDiscardEligibility	LONG	0	Read-Write

* The MIB variable should be used only if the endpoint is a ServiceName.

Circuit Attributes When One Endpoint is Cell Based and One is Cell-On-Frame Based

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass interworkingCircuitEndpointQosClass interworkingCircuitServiceName EndpointQosClass*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit FwdQOSClass atmCircuitEndpointQosClass interworkingCircuitServiceName EndpointQosClass*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit Scr1 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs1 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Pcr1 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Scr2 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs2 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Pcr2 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit AdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_Circuit Priority atmCircuitEndpointCircuitPriority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitRevPriority interworkingCircuitEndpointCircuit Priority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_CircuitRerouteBalance circuitCrossConnectRerouteBalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_CircuitName circuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_CircuitEndpoint2 circuitCrossConnectSwitchId2 circuitCrossConnectIfIndex2 circuitCrossConnectVPI2 circuitCrossConnectVCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by four variables: SwitchId2, IfIndex2, VPI2, and VCI2.</i> <i>If the Endpoint2 has a service name binding associated with it, it is represented by NetworkId, ServiceName, VPI, and VCI.</i>	OBJID		Create-Only

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit BandwidthPriority circuitCrossConnectBandwidthPriority	INTEGER	0	Read-Write
CVA_Circuit BumpingPriority circuitCrossConnectBumpingPriority	INTEGER	0	Read-Write
CVA_Circuit OamAlarms circuitCrossConnectOAMAlarms Enabled	CvOamAlarms	cvOamAlarmsDisabled Disabled	Read-Write
CVA_Circuit FwdRedFramePercent interworkingCircuitEndpointRedFrame Percent interworkingCircuitServiceName EndpointRedFramePercent*	LONG	100	Read-Write
CVA_Circuit RevRedFramePercent interworkingCircuitEndpointRedFrame Percent interworkingCircuitServiceNameEndpoi ntRedFramePercent*	LONG	100	Read-Write
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit GracefulDiscard interworkingCircuitEndpointGraceful Discard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevGracefulDiscard interworkingCircuitEndpointGraceful Discard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	PrivateNetOverflow Public Public	Read-Write
CVA_Circuit FwdRateEnfScheme interworkingCircuitEndpointRateEnf Scheme interworkingCircuitServiceName EndpointRateEnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write
CVA_Circuit RevRateEnfScheme frCircuitEndpointRateEnfScheme frCircuitServiceNameEndpointRateEnf Scheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write
CVA_Circuit FwdDeltaBc inerworkingCircuitEndpointDeltaBc interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitFwdDeltaBe interworkingCircuitEndpointDeltaBe interworkingCircuitServiceName EndpointDeltaBe* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_CircuitRevDeltaBc frCircuitEndpointDeltaBc frCircuitServiceNameEndpointDeltaBc* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_CircuitRevDeltaBe frCircuitEndpointDeltaBe frCircuitServiceNameEndpointDeltaBe* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_CircuitNdcEnable1 cbxAtmCircuitNdcEnable1 <i>Applies only to pure ATM endpoint.</i>	CvCktNdcEnable	cktNdcEnableOff Off	Read-Write
CVA_CircuitTotalPVCsEnabledOn Card1 cbxAtmCircuitNdcTotalPVCsEnabedOn Card1	LONG	1	Read-Only

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit LimitOfPVCsEnabledOnCard1 cbxAtmCircuitNdcLimitOfPVCsEnabledOnCard1	LONG	360	Read-Only
CVA_Circuit Clp0CellThresh1 cbxAtmCircuitNdcClp0CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit Clp1CellThresh1 cbxAtmCircuitNdcClp1CellThresh1 <i>Applies only when the value of the CVA_CircuitNdcEnable1 is On.</i>	LONG	0	Read-Write
CVA_Circuit AcctChrgPartyId1 cbxAtmCircuitBillingAcctChrgPartyId1	LONG		Read-Write
CVA_Circuit AcctUsageMeasure1 cbxAtmCircuitBillingAcctUsageMeasure1	CvCktAtmBillUsage	cvCktAtmBillUsage Enabled Enabled	Read-Write
CVA_Circuit AcctPvcControl1 cbxAtmCircuitBillingAcctPvcControl1	CvCktAtmBillPvcControl	cvCktAtmBillControl Enabled Enabled	Read-Write
CVA_Circuit Endpoint1SlotId atmCircuitEndpointSlotId interworkingCircuitServiceNameEndpointSlotId* <i>Assume Endpoint1 is cell based.</i>	LONG		Read-Only

Table 1-108. Circuit Attributes When One Endpoint is are Cell Based and One is Cell-On-Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Endpoint2SlotId interworkingCircuitEndpointSlotId interworkingCircuitServiceName EndpointSlotId* <i>Assume Endpoint2 is cell-on-frame based.</i>	LONG		Read-Only
CVA_Circuit Endpoint1PPortId atmCircuitEndpointPPortId interworkingCircuitServiceName EndpointPPortId* <i>Assume Endpoint1 is cell based.</i>	LONG		Read-Only
CVA_Circuit Endpoint2PPortId interworkingCircuitEndpointPPortId interworkingCircuitServiceName EndpointPPortId* <i>Assume Endpoint2 is cell-on-frame based.</i>	LONG		Read-Only

* The MIB variable should be used only if the endpoint is a ServiceName.

Circuit Attributes When One Endpoint is Cell-On-Frame Based and One is Frame Based

Table 1-109. Circuit Attributes When One Endpoint is are Cell-On-Frame Based and One is Frame Based

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevQOSClass frCircuitEndpointQosClass interworkingCircuitServiceName EndpointQosClass*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit FwdQOSClass frCircuitEndpointQosClass frCircuitServiceNameEndpointQos Class*	cvClassOfSrv	cvCOSVBRNonReal Time VBRNonRealTime	Read-Write
CVA_Circuit Scr1 interworkingCircuitEndpointScr interworkingCircuitServiceName EndpointScr* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Mbs1 interworkingCircuitEndpointMbs interworkingCircuitServiceName EndpointMbs* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Pcr1 interworkingCircuitEndpointPcr interworkingCircuitServiceName EndpointPcr* <i>Mandatory attribute.</i>	LONG		Read-Write

Table 1-109. Circuit Attributes When One Endpoint is are Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Cir2 frCircuitEndpointCir frCircuitServiceNameEndpointCir* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Bc2 frCircuitEndpointBc frCircuitServiceNameEndpointBc* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit Be2 frCircuitEndpointBe frCircuitServiceNameEndpointBc* <i>Mandatory attribute.</i>	LONG		Read-Write
CVA_Circuit GracefulDiscard interworkingCircuitEndpointGraceful Discard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit RevGracefulDiscard frCircuitEndpointGracefulDiscard interworkingCircuitServiceName EndpointGracefulDiscard*	CvGracefulDiscard	cvGracefulDiscard Enabled On	Read-Write
CVA_Circuit AdminStatus circuitCrossConnectAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write

Table 1-109. Circuit Attributes When One Endpoint is are Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_CircuitPriority interworkingCircuitEndpointCircuit Priority interworkingCircuitServiceName EndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_CircuitRevPriority frCircuitEndpointCircuitPriority frCircuitServiceNameEndpointPriority* <i>If CVA_CircuitFwdQOSClass is cvCOSVBRNonRealTime, the default priority is set to cvCircuitPriorityHigh.</i>	CvCircuitPriority	cvCircuitPriorityHigh 1	Read-Write
CVA_CircuitTranslationType circuitCrossConnectTranslationType	CvCircuitXlationType	xlation483and1490 1483and1490	Read-Write
CVA_CircuitRerouteBalance circuitCrossConnectRerouteBalancing	CvCktRerouteBalance	cktRerouteBalance Enabled Enabled	Read-Write
CVA_CircuitRevZeroCIR frCircuitEndpointZeroCIREnabled frCircuitServiceNameEndpointZeroCIR Enabled*	CvCircuitZeroCIR	cvCircuitZeroCIROff Off	Read-Write
CVA_CircuitFwdRateEnfScheme interworkingCircuitEndpointRateEnf Scheme interworkingCircuitServiceName EndpointRateEnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write

Table 1-109. Circuit Attributes When One Endpoint is Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevRateEnfScheme frCircuitEndpointRateEnfScheme frCircuitServiceNameEndpointRateEnfScheme*	RateEnforcement Scheme	simpleScheme Simple	Read-Write
CVA_Circuit FwdDeltaBc interworkingCircuitEndpointDeltaBc interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit FwdDeltaBe interworkingCircuitEndpointDeltaBe interworkingCircuitServiceName EndpointDeltaBc* <i>Applies only when the value of CVA_CircuitFwdRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit RevDeltaBc frCircuitEndpointDeltaBc frCircuitServiceNameEndpointDelta Bc* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write

Table 1-109. Circuit Attributes When One Endpoint is Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit RevDeltaBe frCircuitEndpointDeltaBe frCircuitServiceNameEndpointDeltaBe* <i>Applies only when the value of CVA_CircuitRevRateEnfScheme is Jump.</i>	LONG	65528	Read-Write
CVA_Circuit Name circuitCrossConnectCircuitName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_Circuit Endpoint2 circuitCrossConnectSwitchId2 circuitCrossConnectIfIndex2 circuitCrossConnectDLCI2 circuitCrossConnectNetworkId2* circuitCrossConnectServiceName2* <i>Mandatory attribute.</i> <i>In the MIB, this attribute is represented by three variables: SwitchId2, IfIndex2, and DLCI2.</i> <i>If the Endpoint2 has a service name binding associated with it, it is represented by NetworkId, ServiceName, and DLCI.</i>	OBJID		Create-Only
CVA_Circuit BandwidthPriority circuitCrossConnectBandwidthPriority	INTEGER	0	Read-Write
CVA_Circuit BumpingPriority circuitCrossConnectBumpingPriority	INTEGER	0	Read-Write

Table 1-109. Circuit Attributes When One Endpoint is are Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) Comments	Data Type	Default Value (API and CLI)	Access
CVA_Circuit FwdRedFramePercent interworkingCircuitEndpointRedFramePercent interworkingCircuitServiceNameEndpointRedFramePercent*	LONG	100	Read-Write
CVA_Circuit RevRedFramePercent frCircuitEndpointRedFramePercent frCircuitServiceNameEndpointRedFramePercent*	LONG	100	Read-Write
CVA_Circuit VpnName circuitCrossConnectVpnName	STRING	Public	Read-Write
CVA_Circuit CustomerName circuitCrossConnectCustomerName	STRING	Public	Read-Write
CVA_Circuit PrivNetOverflow circuitCrossConnectPrivateNetOverflow	PrivateNetOverflow Mode	PrivateNetOverflow Public Public	Read-Write
CVA_Circuit CLP circuitCrossConnectCellLossPriority	LONG	0	Read-Write
CVA_Circuit DE circuitCrossConnectDiscardEligibility	LONG	0	Read-Write
CVA_Circuit Endpoint1SlotId interworkingCircuitEndpointSlotId interworkingCircuitServiceNameEndpointSlotId* <i>Assume Endpoint1 is cell-on-frame based.</i>	LONG		Read-Only

Table 1-109. Circuit Attributes When One Endpoint is Cell-On-Frame Based and One is Frame Based (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Circuit Endpoint2SlotId frCircuitEndpointSlotId frCircuitServiceNameEndpointSlotId* <i>Assume Endpoint2 is frame based.</i>	LONG		Read-Only
CVA_Circuit Endpoint1PPortId interworkingCircuitEndpointPPortId interworkingCircuitServiceName EndpointPPortId* <i>Assume Endpoint1 is cell-on-frame based.</i>	LONG		Read-Only
CVA_Circuit Endpoint2PPortId frCircuitEndpointPPortId frCircuitServiceNameEndpointPPortId* <i>Assume Endpoint2 is frame based.</i>	LONG		Read-Only

* The MIB variable should be used only if the endpoint is a ServiceName.

SvcSecScnActParam Attributes

Table 1-110. SvcSecScnActParam Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcSecScnActParam IngressScnMode lportSvcSecurityScreenActionIngressScreenMode <i>Mandatory attribute.</i>	SecScnMode		Read-Write
CVA_SvcSecScnActParam EgressScnMode lportSvcSecurityScreenActionEgressScreenMode <i>Mandatory attribute.</i>	SecScnMode		Read-Write
CVA_SvcSecScnActParam DefaultIngressScnType lportSvcSecurityScreenActionDefaultIngressScreenType <i>Mandatory attribute.</i>	SecScnDefault		Read-Write
CVA_SvcSecScnActParam DefaultEgressScnType lportSvcSecurityScreenActionDefaultEgressScreenType <i>Mandatory attribute.</i>	SecScnDefault		Read-Write

AssignedSvcSecScn Attributes

Table 1-111. Assigned SvcSecScn Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_AssignedSvcSecScnScreenName <i>Mandatory attribute.</i>	LONG		Read-Only
CVA_AssignedSvcSecScnSecurity AdminStatus lportSvcSecurityScreenAdminStatus <i>Mandatory attribute.</i>	SecScnAdminStatus		Read-Write

SMDS SSI Individual Address Attributes

Table 1-112. SMDS SSI Individual Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmdsAddrPoolAvailable <i>Attribute is obsolete in Provisioning Server version 2.0. Is maintained for backward compatibility with earlier releases.</i>	INTEGER		Read-Only

SMDS Local Individual Address Attributes

Table 1-113. SMDS Local Individual Address Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmdsIaName smdsIndividualAddressName <i>String representation of an SMDS Local Individual Address.</i>	STRING		Create-Only
CVA_SmdsIaIsFromAddrPool <i>Attribute is obsolete in Provisioning Server 2.0 release. Meaningless if not using SSI Address Pool.</i>	INTEGER		Read-Only

SMDS Individual Screen Attributes

Table 1-114. SMDS Individual Screen Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmdsIScn Operation smdsIndividualScreenOperation <i>Mandatory attribute.</i> <i>Specifies the behavior of the screen.</i>	CvScnOper		Read-Write

SMDS Group Screen Attributes

Table 1-115. SMDS Group Screen Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SmdsGScn Operation smdsGroupScreenOperation <i>Mandatory attribute.</i> <i>Specifies the behavior of the screen.</i>	CvScnOper		Read-Write

SvcConfig Attributes

Table 1-116. SvcConfig Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcConfig InsertAddr svcConfigCgPtyInsertionAddress <i>Represents an SVC address that conforms to the addressing convention.</i> <i>If the insertion address is NULL, this string is equal to 'NULL'.</i>	STRING		Read-Write
CVA_SvcConfig InsertMode svcConfigCgPtyInsertionMode <i>Valid values (CLI):</i> <i>Option 1: Disabled</i> <i>Option 2: Insert</i> <i>Option 3: Replace</i>	CvCfgCgPtyInsertMode	cfgCgPtyInsertMode Disabled Disabled	Read-Write

Table 1-116. SvcConfig Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcConfig ScrModeNodePrefix svcConfigScrModeNodePrefix	CvCfgCgPtyScreen ModeNodePrefix	cfgCgPtyScreenMode NotPerform Disabled	Read-Write
CVA_SvcConfig ScrModePrefix svcConfigScrModePrefix	CvCfgCgPtyScreen ModePrefix	cfgCgPtyScreenMode NotPerform Disabled	Read-Write
CVA_SvcConfig ScrModeAddress svcConfigScrModeAddress	CvCfgCgPtyScreen ModeAddress	cfgCgPtyScreenMode NotPerform Disabled	Read-Write
CVA_SvcConfig EgAddrXlateMode svcConfigEgressAddrXlateMode <i>Valid values (CLI):</i> <i>Option 1 : Disabled</i> <i>Option 2 : Tunnel</i> <i>Option 3 : Replace</i> <i>Option 4 : NativeToAESA</i> <i>Option 5 : AESAToNative</i>	CvCfgEgAddrXlate Mode	cfgEgAddrXlateMode Disabled Disabled	Read-Write
CVA_SvcConfig IgAddrXlateMode svcConfigIngressAddrXlateMode <i>Valid values (CLI):</i> <i>Option 1 : Disabled</i> <i>Option 2 : Tunnel</i> <i>Option 3 : NativeToAESA</i> <i>Option 4 : AESAToNative</i>	CvCfgIgAddrXlate Mode	cfgIgAddrXlateMode Disabled Disabled	Read-Write
CVA_SvcConfig PresentMode svcConfigCgPtyPresentationMode <i>Valid values (CLI):</i> <i>Option 1 : User</i> <i>Option 2 : Never</i> <i>Option 3 : Always</i>	CvCfgCgPtyPresent Mode	cfgCgPtyPresentMode User User	Read-Write

Table 1-116. SvcConfig Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcConfigSvcHDTimer svcConfigHoldDownTimer <i>This is the only attribute that is also valid for Frame SVC's.</i>	INTEGER	60	Read-Write
CVA_SvcConfigSvcCdvTolerance svcConfigSvcCdvTolerance	LONG	600	Read-Write
CVA_SvcConfigSvcLoadBalance svcConfigLoadBalanceEligibility Duration	LONG	3600	Read-Write
CVA_SvcConfigSvcFailureTrap Thresh svcConfigSvcFailureTrapThreshold	LONG	1	Read-Write
CVA_SvcConfigSvcCugState svcConfigSvcCugState <i>Valid values (CLI): Option 1 : Enabled Option 2 : Disabled</i>	CvCfgCugStateEnum	cfgCugStateEnabled Enabled	Read-Write
CVA_SvcConfigSvcFrameDiscard svcConfigSvcFrameDiscard <i>Valid values (CLI): Option 1 : Enabled Option 2 : Disabled</i>	SvcConfigObj__Config __CvFrameDiscard	frameDiscardDisabled Disabled	Read-Write

SvcPrefix Attributes

Table 1-117. Svc Prefix Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcPrefix Format svcPortPrefixType <i>Mandatory attribute.</i>	CvAddrFmtEnum		Read-Only
CVA_SvcPrefix Prefix svcPortPrefixPrefix	STRING		Read-Only
CVA_SvcPrefix Nbits svcPortPrefixNumBits	LONG		Read-Only
CVA_SvcPrefix SrcAddrValidation svcPortPrefixSourceAddrValidation <i>All four attributes SrcAddrValidation, RouteDetermination, AddrRegistration, and CugTermination cannot be Disabled together.</i>	CvSrcAddrValidation	cvAddrAttrValidation Enabled	Read-Write
CVA_SvcPrefix RouteDetermination svcPortPrefixRouteDetermination <i>All four attributes SrcAddrValidation, RouteDetermination, AddrRegistration, and CugTermination cannot be Disabled together.</i>	CvRouteDetermination	cvAddrAttrRouting Enabled	Read-Write
CVA_SvcPrefix AddrRegistration svcPortPrefixAddrRegistration <i>All four attributes SrcAddrValidation, RouteDetermination, AddrRegistration, and CugTermination cannot be Disabled together.</i>	CvAddrRegistration	cvAddrAttrRegistration Disabled Disabled	Read-Write

Table 1-117. Svc Prefix Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcPrefix CugTermination svcPortPrefixCugTermination <i>All four attributes SrcAddrValidation, RouteDetermination, AddrRegistration, and CugTermination cannot be Disabled together.</i>	CvCugTermination	cvAddrAttrCugTermination Enabled	Read-Write
CVA_SvcPrefix AdminCost svcPortPrefixAdminCost	LONG	0	Read-Write
CVA_SvcPrefix LGWAddr svcPortPrefixLocalGatewayAddress <i>To specify the local gateway address, set this string to a value that conforms to the addressing convention. If the local gateway address is NULL, set this string to 'NULL'.</i>	STRING		Read-Write
CVA_SvcPrefix RGWAddr svcPortPrefixRemoteGatewayAddress <i>To specify the remote gateway address, set to a value that conforms to the addressing convention. If the remote gateway address is NULL, set this string to 'NULL'.</i>	STRING		Read-Write

SvcAddress Attributes

Table 1-118. SvcAddress Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcAddress Format svcAddrType <i>Mandatory attribute.</i>	CvAddrFmtEnum		Read-Only
CVA_SvcAddress Prefix svcAddrAddress	STRING		Read-Only
CVA_SvcAddress Nbits svcAddrNumBits <i>Mandatory attribute.</i>	LONG		Read-Only
CVA_SvcAddress SrcAddrValidation svcAddrSourceAddrValidation <i>All three attributes SrcAddressValidation, RouteDetermination, and CugTermination cannot be disabled together.</i>	CvSrcAddrValidation	cvAddrAttrValidation Enabled	Read-Write
CVA_SvcAddress RouteDetermination svcAddrRouteDetermination <i>All three attributes SrcAddressValidation, RouteDetermination, and CugTermination cannot be disabled together.</i>	CvRouteDetermination	cvAddrAttrRouting Enabled	Read-Write

Table 1-118. SvcAddress Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcAddress CugTermination svcAddrCugTermination <i>All three attributes SrcAddressValidation, RouteDetermination, and CugTermination cannot be disabled together.</i>	CvCugTermination	cvAddrAttrCug Termination Enabled	Read-Write
CVA_SvcAddress PvcTermination svcAddrPvcTermination <i>Valid when RouteDetermination is Enabled.</i>	CvPvcTermination	cvAddrAttrPvc TerminationDisabled Disabled	Read-Write
CVA_SvcAddress PvpTermination svcAddrPvpTermination <i>Valid when RouteDetermination is Enabled.</i>	CvPvpTermination	cvAddrAttrPvp TerminationDisabled Disabled	Read-Write
CVA_SvcAddress AdminCost svcAddrAdminCost	LONG	0	Read-Write
CVA_SvcAddress ConnID svcAddrPvcConnId <i>Valid values are (CLI): Option 1 : Any Option 2 : Specific Option 1 is valid if PvpTermination and/or PvcTermination is Enabled. Option 2 is valid only if either PvpTermination or PvcTermination is Enabled.</i>	CvConnID	cvConnIDAny Any	Read-Write

Table 1-118. SvcAddress Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcAddress Vpi svcAddrVpi <i>Valid for Option 2 of CVA_SvcAddressConnID.</i>	LONG		Read-Write
CVA_SvcAddress Vci svcAddrVci <i>Valid for Option 2 of CVA_SvcAddressConnID when PvpTermination is Disabled and PvcTermination is Enabled.</i>	LONG		Read-Write

SvcUserPart Attributes

Table 1-119. Svc User Part Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_SvcUserPart Format svcAtmDteUserPartType <i>Mandatory attribute. The only valid format is UserPart.</i>	CvAddrFmtEnum		Read-Only
CVA_SvcUserPart Prefix svcAtmDteUserPartUserPart	STRING		Read-Only
CVA_SvcUserPart Nbits svcAtmDteUserPartNumBits <i>Fixed as 56.</i>	LONG		Read-Only

Soft PVC Circuit Attributes

Table 1-120. Soft PVC Circuit Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Spvc Name circuitSpvcName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_Spvc TerminatingEndpointAddr circuitSpvcTerminatingEndpoint Address <i>Mandatory attribute.</i>	STRING		Read-Write
CVA_Spvc AdminStatus circuitSpvcAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_Spvc CircuitType	CvSpvcCircuitType		Read-Only
CVA_Spvc TargetSelectType circuitSpvcTargetSelectType	CvTargetSelectType	cvTargetSelectTypeAny Any	Read-Write
CVA_Spvc RetryInterval circuitSpvcRetryInterval	LONG	0	Read-Write
CVA_Spvc RetryLimit circuitSpvcRetryLimit	LONG	0	Read-Write
CVA_Spvc FwdTrafficDesc circuitSpvcForwardTrafficDescriptor <i>Mandatory attribute.</i> <i>Name of the Traffic Descriptor picked up from the Traffic Descriptor Pool.</i>	STRING		Read-Write

Table 1-120. Soft PVC Circuit Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_Spvc RevTrafficDesc circuitSpvcReverseTrafficDescriptor <i>Mandatory attribute.</i> <i>Name of the Traffic Descriptor picked up from the Traffic Descriptor Pool.</i>	STRING		Read-Write

PMP Circuit Root Endpoint Attributes

Table 1-121. PMP Circuit Root Endpoint Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPCKtRoot QOSClass circuitRootQosClass <i>Mandatory attribute.</i>	cvClassOfSrv		Create-Only
CVA_PMPCKtRoot TrafficDescType circuitRootTrafficDescrType <i>Mandatory attribute.</i>	cvAtmTrafficDescType		Create-Only
CVA_PMPCKtRoot Param1 circuitRootTrafficDescrParam1 <i>Will be valid depending on CVA_PMPCKtRootQOSClass and CVA_PMPCKtRootTrafficDescType.</i>	LONG		Create-Only

Table 1-121. PMP Circuit Root Endpoint Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPCKtRoot Param2 circuitRootTrafficDescrParam2 <i>Will be valid depending on CVA_PMPCKtRootQOSClass and CVA_PMPCKtRootTrafficDescType.</i>	LONG		Create-Only
CVA_PMPCKtRoot Param3 circuitRootTrafficDescrParam3 <i>Will be valid depending on CVA_PMPCKtRootQOSClass and CVA_PMPCKtRootTrafficDescType.</i>	LONG		Create-Only
CVA_PMPCKtRoot Priority circuitRootPriority <i>Valid only when TrafficDescType is cvCOSVBRNonRealTime.</i>	LONG		Create-Only
CVA_PMPCKtRoot RerouteBalance circuitRootRerouteBalancing	CvCktRerouteBalance		Read-Only
CVA_PMPCKtRoot Name circuitRootRootName	STRING		Create-Only
CVA_PMPCKtRoot CdvTolerance circuitRootCdvTolerance	LONG	600	Read-Write
CVA_PMPCKtRoot CircuitType circuitRootCircuitType	cvAtmPvcType		Read-Only
CVA_PMPCKtRoot PrivateNet Overflow circuitRootPrivateNetOverflow	PrivateNetOverflow Mode	privateNetOverflow Public Public	Create-Only
CVA_PMPCKtRoot AcctChrgPartyId circuitRootAcctChrgPartyId	STRING		Read-Write

Table 1-121. PMP Circuit Root Endpoint Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPCKtRoot AcctUsageMeasure circuitRootAcctUsageMeasure	CvCktAtmBillUsage		Read-Write
CVA_PMPCKtRoot AcctPvcControl circuitRootAcctPvcControl	CvCktAtmBillPvc Control		Read-Write

PMP Circuit Leaf Endpoint Attributes

Table 1-122. PMP Circuit Leaf Endpoint Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPCKt Root <i>Mandatory attribute.</i>	OBJID		Create-Only
CVA_PMPCKt AdminStatus circuitLeafAdminStatus	CvCktLeafAdminStatus Enum	cktLeafAdmUp Up	Read-Write
CVA_PMPCKt AcctChrgPartyId circuitLeafAcctChrgPartyId	STRING		Read-Write
CVA_PMPCKt AcctUsageMeasure circuitLeafAcctUsageMeasure	CvCktAtmBillUsage		Read-Write
CVA_PMPCKt AcctPvcControl circuitLeafAcctPvcControl	CvCktAtmBillPvc Control		Read-Write

PMP Spvc Root Endpoint Attributes

Table 1-123. PMP Spvc Root Endpoint Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPSpvcRoot Name circuitSpvcPmpRootName <i>Mandatory attribute.</i>	STRING		Create-Only
CVA_PMPSpvcRoot Endpoint TerminatingAddr circuitSpvcPmpRootEndpoint TerminatingAddress <i>Mandatory attribute.</i>	STRING		Read-Write
CVA_PMPSpvcRoot AdminStatus circuitSpvcPmpRootAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_PMPSpvcRoot CircuitType circuitSpvcPmpRootCircuitType	CvSpvcCircuitType		Read-Only
CVA_PMPSpvcRoot TargetSelectType circuitSpvcPmpRootTargetSelectType	CvTargetSelectType	cvTargetSelectTypeAny Any	Read-Write
CVA_PMPSpvcRoot RetryInterval circuitSpvcPmpRootRetryInterval	LONG	0	Read-Write
CVA_PMPSpvcRoot RetryLimit circuitSpvcPmpRootRetryLimit	LONG	0	Read-Write
CVA_PMPSpvcRoot FwdTrafficDesc circuitSpvcPmpRootForwardTraffic Descriptor <i>Mandatory attribute.</i> <i>Name of the Traffic Descriptor picked up from the Traffic Descriptor Pool.</i>	STRING		Read-Write

Table 1-123. PMP Spvc Root Endpoint Attributes (Continued)

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPSpvcRoot RevTrafficDesc circuitSpvcPmpRootReverseTraffic Descriptor <i>Name of the Traffic Descriptor picked up from the Traffic Descriptor Pool.</i>	STRING		Read-Write
CVA_PMPSpvcRoot NextAvailable LeafNo circuitSpvcPmpRootNextAvailableLeaf No	INTEGER		Read-Only

PMP Spvc Leaf Endpoint Attributes

Table 1-124. PMP Spvc Leaf Endpoint Attributes

Argument ID Symbol (API Name, CLI Name in boldface, and MIB Name) <i>Comments</i>	Data Type	Default Value (API and CLI)	Access
CVA_PMPSpvcLeaf Root circuitSpvcPmpLeafRoot <i>Mandatory attribute.</i>	OBJID		Create-Only
CVA_PMPSpvcLeaf Terminating EndpointAddr circuitSpvcPmpLeafTerminating EndpointAddress <i>Mandatory attribute.</i>	STRING		Read-Write
CVA_PMPSpvcLeaf AdminStatus circuitSpvcPmpLeafAdminStatus	CvCircuitAdminStatus	circuitAdminUp Up	Read-Write
CVA_PMPSpvcLeaf TargetSelectType circuitSpvcPmpLeafTargetSelectType	CvTargetSelectType	cvTargetSelectTypeAny Any	Read-Write
CVA_PMPSpvcLeaf RetryInterval circuitSpvcPmpLeafRetryInterval	LONG	0	Read-Write
CVA_PMPSpvcLeaf RetryLimit circuitSpvcPmpLeafRetryLimit	LONG	0	Read-Write

Values for Enumerated Data Types

Enumerated data types are defined in the file CvParamValues.H. This section alphabetically lists the enumerated data types and their associated values.

For additional information on these values, refer to the *CascadeView/UX Network Configuration Guide*.

Table 1-125. Enumerated Data Types and Values

Enumerated Type Name	API Values	CLI Values
ApsObj__Config__CvApsCommand	InvalidApsCommand Clear LockoutProtection ForcedSwitchWorkingToProtection ForcedSwitchProtectionToWorking ManualSwitchWorkingToProtection ManualSwitchProtectionToWorking Exercise	InvalidApsCommand Clear LockoutProtection ForcedSwitchWorkingToProtection ForcedSwitchProtectionToWorking ManualSwitchWorkingToProtection ManualSwitchProtectionToWorking Exercise
ApsObj__Config__CvDirection	unidirectional bidirectional	Unidirectional Bidirectional
ApsObj__Config__CvRevertive	revertiveMode nonRevertiveMode	Revertive NonRevertive
CUGMbrCallsBarred	callsBarredNo callsBarredYes	No Yes
CUGMbrRuleAccessEnum	accessNo accessYes	No Yes
CUGMbrRuleNmbPlanEnum	nbrPlanE164 nbrPlanAesa	E.164 AESA

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvAddrFmtEnum	addrFmtInvalid addrFmtE164 addrFmtAtmEndSys addrFmtUnknown addrFmtDccAesa addrFmtIcdAesa addrFmtE164Aesa addrFmtCustAesa addrFmtDefRoute addrFmtUserPart	Invalid E.164native ATMMendsystem unknown DCCAESA ICDAESA E.164AESA CustomAESA DefaultRoute UserPart
CvAddrRegistration	cvAddrAttrRegistrationDisabled cvAddrAttrRegistration	Disabled Enabled
CvAPSLineType	lineTypeUndefined lineTypeWorking lineTypeProtection	Undefined Working Protection
CvAPSRedundancyArchitecture	redundancyDisabled redundancyApsOnePlusOne	None APS1+1
CvAtmCellHeaderFormat	cvAtmUniCellHeaders cvAtmNniCellHeaders	Uni Nni
CvAtmConnectionClass	atmDirect atmVirtual	Direct Virtual
CvAtmCtrlUpcFunction	cvCtrlUpcDisabled cvCtrlUpcEnabled	Disabled Enabled
CvAtmFeacLoopback	feacLoopbackDisabled feacLoopbackEnabled	Disabled Enabled
CvAtmIlmiAdminStatus	cvAtmIlmiAdminDisabled cvAtmIlmiAdminEnabled	Disabled Enabled

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvAtmIlmiDtePfxScreen	cvAtmIlmiScreenNodePrefix cvAtmIlmiScreenPortPrefix cvAtmIlmiScreenNodeOrPortPrefix cvAtmIlmiScreenRejectAll cvAtmIlmiScreenAcceptAll	NodePrefix PortPrefix NodeOrPortPrefix RejectAll AcceptAll
CvAtmLPortType	atmUniDce atmUniDte atmXportForFrNni atmOPTimumFrameTrunk atmOPTimumCellTrunk atmDirectTrunk atmNni	UniDce UniDte XportForFrNni atmOPTimumFrameTrunk atmOPTimumCellTrunk atmDirectTrunk atmNni
CvAtmProtocol	cvAtmProtocolUni30 cvAtmProtocolUni31 cvAtmProtocolIisp31 cvAtmProtocolBici11	UNI-3.0 UNI-3.1 IISP-3.1 BICI-1.1
cvAtmPvcType	cvAtmVpc cvAtmVcc	Vpc Vcc
CvAtmQoSRoutingMetric	cvAtmQoSRoutingAdminCost cvAtmQoSRoutingEndToEndDelay cvAtmQoSRoutingCdv	AdminCost EndToEndDelay CellDelayVariation
CvAtmSigAdminStatus	cvAtmSigAdminEnabled cvAtmSigAdminDisabled	Enabled Disabled

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
cvAtmTrafficDescType	cvAtmTfD_PcrClp0PcrClp01 cvAtmTfD_PcrClp0PcrClp01 Tagging cvAtmTfD_PcrClp01ScrClp0Mbs Clp0 cvAtmTfD_PcrClp01ScrClp0Mbs Clp0Tagging cvAtmTfD_PcrClp01 cvAtmTfD_PcrClp01ScrClp01Mbs Clp01 cvAtmTfD_PcrClp01BestEffort cvAtmTfD_BestEffort	PcrClp0PcrClp01 PcrClp0PcrClp01Tag PcrClp01ScrClp0MbsClp0 PcrClp01ScrClp0MbsClp0Tag PcrClp01 PcrClp01ScrClp01MbsClp01 PcrClp01BestEffort BestEffort
CvAtmUniType	cvAtmUniTypePublic cvAtmUniTypePrivate	Public Private
CvAtmUpcFunction	cvUpcDisabled cvUpcEnabled	Disabled Enabled
CvBilling	cvBillingDisable cvBillingEnable	Disabled Enabled
CvBoolean	TRUE FALSE	True False
CvBulkStatsSetting	cardBulkStatsDisabled cardBulkStatsEnabled	Disabled Enabled
CvBwPolicing	cvBwPolicingEnabled cvBwPolicingDisabled	Enabled Disabled
CvCacType	cvCacCascade cvCacCustomized2 cvCacCustomized	Cascade CustomizeVbrRtNrtAbr CustomizeVbrNrtAbr
CvCallAdmissCtrl	cvCallAdmissCtrlDisabled cvCallAdmissCtrlEnabled	Disabled Enabled

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCardAdminStatus	cardAdminUp cardAdminDown cardAdminTesting cardAdminRedundBoot cardAdminMarginal cardAdminMaintenance	Up Down Testing RedundBoot Marginal Maintenance
CvCardCapability	cardCapabilityFrameRelay cardCapabilityMultiSrv cardCapabilityIOP16 cardCapabilityCPBasic cardCapabilityCPPlus cardCapabilityCP30 cardCapabilityCP40 cardCapabilityCP50	FrameRelay MultiSrv MultiSrv16 CPBasic CPPlus CP30 CP40 CP50
CvCardOperStatus	cardOperUp cardOperDown cardOperTesting cardOperMaintenance	Up Down Testing Maintenance

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCardState	cardStateUnknown	Unknown
	cardStatePresent	Present
	cardStateLoading	Loading
	cardStateStart	Start
	cardStateInit	Init
	cardStateSync	Sync
	cardStateSyncDone	SyncDone
	cardStateReady	Ready
	cardStateActive	Active
	cardStateStopped	Stopped
	cardStateDown	Down
	cardStateDebug	Debug
	cardStateOffLineDiag	OffLineDiag

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCardType	cardTypeEmpty cardType6PortV35 cardType1Port24ChanFractT1 cardType1Port30ChanFractE1 cardType6PortUio cardTypeCp cardTypeSp4 cardTypeSp8 cardType8PortUio cardType4Port24ChanFractT1 cardType4Port30ChanFractE1 cardType1PortFractT3 cardType1PortFractE3 cardType2PortHssi cardType10PortDsx1 cardType18PortRs232 cardType8PortRs232 cardType4Port24ChanUnchanT1 cardType4Port30ChanUnchanE1 cardType1PortAtmDs3Uni cardType1PortAtmE3Uni cardType4Port24ChanPriT1 cardType4PortE1Pri cardType4Port24ChanSHT1 cardType4Port24ChanSHUT1 cardType4PortSHPri cardType8PortT1Atm cardType8PortE1Atm cardType1PortAtmIwuOc3 cardType8PortAtmDS3	Empty 6PortV35 1Port24ChanFractT1 1Port30ChanFractE1 6PortUio Cp SP10 SP20 8PortUio 4Port24ChanFractT1 4Port30ChanFractE1 1Port28ChanDs3 1PortFractE3 2PortHssi 10PortDsx1 18PortRs232 8PortRs232 4Port24ChanUnchanT1 4Port30ChanUnchanE1 1PortAtmDs3Uni 1PortAtmE3Uni cardType4Port24ChanPriT1 4PortE1Pri 4Port24ChanSHT1 4Port24ChanSHUT1 4PortSHPri 8PortT1Atm 8PortE1Atm 1PortAtmIwuOc3 8PortAtmDS3

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCardType (Continued)	cardType8PortE3AtmDS3 cardType1PortAtmCsDs3 cardType1PortAtmCsE3 cardType8PortE1 cardType4PortAtmOc3Stm1 cardType1PortAtmOc12Stm4	8PortE3AtmDS3 1PortAtmCsDs3 1PortAtmCsE3 8PortE1 4PortAtmOc3Stm1 1PortAtmOc12Stm4
CvCfgCgPtyInsertMode	cfgCgPtyInsertModeDisabled cfgCgPtyInsertModeInsert cfgCgPtyInsertModeReplace	Disabled Insert Replace
CvCfgCgPtyPresentMode	cfgCgPtyPresentModeUser cfgCgPtyPresentModeNever cfgCgPtyPresentModeAlways	User Never Always
CvCfgCgPtyScreenMode	cfgCgPtyScreenModeNotPerform cfgCgPtyScreenModeNodePrefix cfgCgPtyScreenModePortPrefix cfgCgPtyScreenModeAddress	Disabled Enabled Enabled Enabled
CvCfgCgPtyScreenMode Address	cfgCgPtyScreenModeAddress Disabled cfgCgPtyScreenModeAddress Enabled	Disabled Enabled
CvCfgCgPtyScreenModeNode Prefix	cfgCgPtyScreenModeNodePrefix Disabled cfgCgPtyScreenModeNodePrefix Enabled	Disabled Enabled
CvCfgCgPtyScreenMode Prefix	cfgCgPtyScreenModePrefix Disabled cfgCgPtyScreenModePrefix Enabled	Disabled Enabled
CvCfgCugStateEnum	cfgCugStateDisabled cfgCugStateEnabled	Disabled Enabled

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCfgEgAddrXlateMode	cfgEgAddrXlateModeDisabled cfgEgAddrXlateModeTunnel cfgEgAddrXlateModeReplace cfgEgAddrXlateModeNative2Nsap cfgEgAddrXlateModeNsap2Native	Disabled Tunnel Replace NativetoAESA AESAtoNative
CvCfgIgAddrXlateMode	cfgIgAddrXlateModeDisabled cfgIgAddrXlateModeTunnel cfgIgAddrXlateModeNative2Nsap cfgIgAddrXlateModeNsap2Native	Disabled Tunnel NativetoAESA AESAtoNative
CvChanExtClockBackup	chanExtClockBackupLoopTimed chanExtClockBackupInternal	LoopTimed Internal
CvChannelAdminStatus	channelAdminUp channelAdminDown channelAdminTesting	Up Down Testing
CvChDs3ApplMode	chDs3ApplM23 chDs3ApplCbitParity	M13 CbitParity
CvChDs3ZeroCoding	ds1ZeroCodingCChan ds1ZeroCodingJBit	Nx64 Nx56
CvCircuitAdminStatus	circuitAdminDown circuitAdminUp	Down Up

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCircuitFailReason	cktFailNone cktFailAdminDown cktFailNoVcBuff cktFailNoBandwidth cktFailNoRoute cktFailTimeout cktFailNoPduBuff cktFailNoDest cktFailTrunkRnr cktFailTrunkDown cktFailBalanceReroute cktFailDead cktFailDefPathReroute cktFailNiDown cktFailOtherPvcSecDown cktFailOtherPvcSegRnr cktFailUsingAltPathWarning	None AdminDown NoVcBuff NoBandwidth NoRoute Timeout NoPduBuff NoDest TrunkRnr TrunkDown BalanceReroute Dead DefPathReroute NiDown OtherPvcSecDown OtherPvcSegRnr UsingAltPathWarning
CvCircuitOperStatus	circuitOperInactive circuitOperActive	Inactive Active
CvCircuitPriority	cvCircuitPriorityLower cvCircuitPriorityLow cvCircuitPriorityMedium cvCircuitPriorityHigh	4 3 2 1
CvCircuitTos	circuitCommitted circuitShared	Committed Shared
CvCircuitXlationType	xlationNone xlation1490and1483 xlation1483and1490	None 1490and1483 1483and1490

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCircuitZeroCIR	cvCircuitZeroCIROff cvCircuitZeroCIROn	Off On
CvCktAtmBillPvcControl	cvCktAtmBillControlDisabled cvCktAtmBillControlEnabled cvCktAtmBillControlStudy	Disabled Enabled Study
CvCktAtmBillUsage	cvCktAtmBillUsageDisabled cvCktAtmBillUsageEgress cvCktAtmBillUsageIngress cvCktAtmBillUsageEnabled	Disabled Egress Ingress Enabled
CvCktLeafAdminStatusEnum	cktLeafAdmDown cktLeafAdmUp	Down Up
CvCktNdcEnable	cktNdcEnableOff cktNdcEnableOn	Off On
CvCktRerouteBalance	cktRerouteBalanceEnabled cktRerouteBalanceDisabled	Enabled Disabled
cvClassOfSrv	cvCOSCBR cvCOSVBRRealTime cvCOSVBRNonRealTime cvCOSUBR cvCOSABR cvCOSUnspecCBR cvCOSUnspecVBRNonRealTime cvCOSUnspecBestEffort	CBR VBRRealTime VBRNonRealTime UBR ABR UnspecCBR UnspecVBRNrt UnspecBestEffort
CvCLLMAdminState	cllmAdminDown cllmAdminUp	Down Up

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvClockSource	clockSrcDce clockSrcLoopTimedDce clockSrcDte clockSrcDirectTrunk clockSrcLoopTimed clockSrcInternal clockSrcExternal	Dce LoopTimedDce Dte DirectTrunk LoopTimed Internal External
CvCloseLoopEnabled	congEnabledOff congEnabledOn	Off On
CvClp	cvClp0 cvClp1 cvClpFrDe	0 1 fr_de
CvCollectPeriod	cvCollectPeriod15Min cvCollectPeriod20Min cvCollectPeriod30Min cvCollectPeriod1Hour cvCollectPeriod2Hour cvCollectPeriod3Hour cvCollectPeriod4Hour cvCollectPeriod6Hour cvCollectPeriod12Hour cvCollectPeriod24Hour	15Min 20Min 30Min 1Hr 2Hr 3Hr 4Hr 6Hr 12Hr 24Hr
CvConnectionType	cvConnTypeNetEndsystem cvConnTypeNetNet	NetToEnd NetToNet
CvConnID	cvConnIDAny cvConnIDSpecific	Any Specific
CvCrcChecking	cvCrc16 cvCrc32	CRC-16 CRC-32

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvCugTermination	cvAddrAttrCugTermination Disabled	Disabled
	cvAddrAttrCugTermination	Enabled
CvDe	cvDe0	0
	cvDe1	1
	cvDeAtmClp	atm_clp
CvDiscardSelect	discardSelectDisabled	EPD
	discardSelectEnabled	CLP1
CvDlciAddrFormat	dlciAddrFormatQ922	Q922
CvDlciAddrLen	dlciAddrLen2Oct10Bit	2Oct10Bit
	dlciAddrLen3Oct10Bit	3Oct10Bit
	dlciAddrLen3Oct16Bit	3Oct16Bit
	dlciAddrLen4Oct17Bit	4Oct17Bit
	dlciAddrLen4Oct23Bit	4Oct23Bit
CvDlcmiStdType	dlcmiStdDisabled	Disabled
	dlcmiStdLmiRev1	LmiRev1
	dlcmiStdAnsiT1dot617D	AnsiT1dot617D
	dlcmiStdCcittQ933A	CcittQ933A
	dlcmiStdAutoDetect	AutoDetect
	dlcmiStdAnsiT1dot617B	AnsiT1dot617B
CvDs0BitStuffing	bitStuffOff	Off
	bitStuffOn	On
CvDs1ConnType	ds1ConnTypeToNetwork	ToNetwork
	ds1ConnTypeToDsx1	ToDsx1
CvDs1LineBuildOut	ds1LineBuildOut0db	0db
	ds1LineBuildOutMinus7dot5db	Minus7dot5db
	ds1LineBuildOutMinus15db	Minus15db

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvDs1LineLength	ds1LineLength0to133ft ds1LineLength133to266ft ds1LineLength266to399ft ds1LineLength399to533ft ds1LineLength533to655ft	0to133ft 133to266ft 266to399ft 399to533ft 533to655ft
CvDs1LineType	ds1LineTypeD4 ds1LineTypeEsfAnsi ds1LineTypeEsfCcitt ds1LineTypeEsfAttAddressA ds1LineTypeEsfNone ds1LineTypeE1CasCrc4 ds1LineTypeE1CasNoCrc4 ds1LineTypeE1NoCasCrc4 ds1LineTypeE1NoCasNoCrc4 ds1LineTypeEsfAttAddressB	D4 EsfAnsi EsfCcitt EsfAttAddressA EsfNone E1CasCrc4 E1CasNoCrc4 E1NoCasCrc4 E1NoCasNoCrc4 EsfAttAddressB
CvDs1LoopbackCodeType	ds1CSULoopback ds1NNILoopback	CSU NNI
CvDs1ZeroCoding	ds1ZeroCodingAmi ds1ZeroCodingB8Zs ds1ZeroCodingJammedBit ds1ZeroCodingHdb3	Ami B8Zs JammedBit Hdb3
CvDs3LineBuildOut	ds3LineBuildOut0to225ft ds3LineBuildOut226to450ft	0to225ft 226to450ft
CvDs3PLCPOption	ds3PLCPDisabled ds3PLCPEnabled ds3PLCPNotSupport	Disabled Enabled NotSupported

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvDsx1LineLength	dsx1LineLength0to110ft dsx1LineLength110to220ft dsx1LineLength220to330ft dsx1LineLength330to440ft dsx1LineLength440to550ft dsx1LineLength550to660ft dsx1LineLengthOver660ft	0to110ft 110to220ft 220to330ft 330to440ft 440to550ft 550to660ft Over660ft
CvDsx1XfaceType	dsx1XfaceTypeRj48 dsx1XfaceType15Db120ohm	Rj48 15Db120ohm
CvE1LineCode	e1LineCodeAMI e1LineCodeHdb3	AMI Hdb3
CvE1XfaceType	e1XfaceTypeCoaxPair75ohm e1XfaceType15Db120ohm e1XfaceType75n8 e1XfaceType120n8	CoaxPair75ohm 15Db120ohm 8portE1CoaxPair75ohm 8portE115Db120ohm
CvEfciMarking	efciDisabled efciEnabled	Disabled Enabled
CvErrorCheckFlag	errorCheckOff errorCheckOn	Off On
CvExtClockBackup	extClockBackupUndefine extClockBackupInternal extClockBackupLoopTimed	Undefined Internal LoopTimed
CvFrLPortType	frUniDce frUniDte frNni frOPTimumTrunk	UniDce UniDte Nni OPTimumTrunk
CvGracefulDiscard	cvGracefulDiscardEnabled cvGracefulDiscardDisabled	On Off

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvHeartBPFlag	heartBPOff heartBPOn	Off On
CvIomClockSource	cardClockPrimSys cardClockSecSys cardClockPrefSys cardClockLocal	PrimSys SecSys PrefSys Local
CvLinkFraming	ds1LinkFramingD4 ds1LinkFramingEsfCcitt	D4 EsfCcitt
CvLinkType	linkUser linkTrunk linkTransport	User Trunk Transport
CvLpAcctControl	lpAcctDisabled lpAcctEnabled	Disabled Enabled
CvLpAcctGeneralRecording	lpAcctGenRecDisabled lpAcctGenRecOriginating lpAcctGenRecTerminating lpAcctGenRecEnabled	Disabled Originating Terminating Enabled
CvLpAcctIntraRecording	lpAcctIntraRecDisabled lpAcctIntraRecEnabled lpAcctIntraRecStudy	Disabled Enabled Study
CvLpAcctSubRecording	lpAcctSubRecDisabled lpAcctSubRecCalling lpAcctSubRecCalled lpAcctSubRecEnabled	Disabled Calling Called Enabled
CvLPortAdminStatus	lPortAdminUp lPortAdminDown lPortAdminTesting	Up Down Testing

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvLPortSignal	signalNonFr signalDce signalDte signalNni signalDxiDte	NonFr Dce Dte Nni DxiDte
CvNrtsDaughterCard	nrtsDaughterCardDisabled nrtsDaughterCardEnabled	Disabled Enabled
CvNrtsManageVBRnrtTraffic	manageVBRnrtTrafficDisabled manageVBRnrtTrafficEnabled	Disabled Enabled
CvOamAlarms	cvOamAlarmsDisabled cvOamAlarmsEnabled	Disabled Enabled
CvOc3MediumType	oc3MediumTypeSonet oc3MediumTypeSdh	SONET SDH
CvOc3XfaceTypeEnum	oc3XfMultimode oc3XfSinglemode oc3XfSinglemodeLR oc3XfStm1Copper	Multimode Singlemode SinglemodeLongReach STM-1Copper
CvOpticalXmitMode	xmitLaserInvalid xmitModeSonet xmitModeSdh	Invalid Sonet SDH
CvOtherLPortType	lPortDirectFrTrunk lPortDirectCellTrunk lPortEncapsulationFrad lPortPppTo1490Xlotion lPortPppTo1483Xlotion lPortIsdnPriDChannel lPortDirectMgmtTrunk	DirectFrTrunk DirectCellTrunk EncapsulationFrad PppTo1490Xlotion PppTo1483Xlotion IsdnPriDChannel DirectMgmtTrunk

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvPPortAdminStatus	pPortAdminUp pPortAdminDown pPortAdminTesting	Up Down Testing
CvPPortBipErrorsThresh	bipErrorsThreshIgnore bipErrorsThresh4 bipErrorsThresh5 bipErrorsThresh6	Ignore 4 5 6
CvPPortCbitParity	cbitParityDisabled cbitParityEnabled	Disabled Enabled
CvPPortCellScramble	cellScrambleDisabled cellScrambleEnabled	Disabled Enabled
CvPPortOperStatus	pPortOperUp pPortOperDown pPortOperTesting	Up Down Testing
CvPvcTermination	cvAddrAttrPvcTerminationDisabled cvAddrAttrPvcTermination	Disabled Enabled
CvPvpTermination	cvAddrAttrPvpTerminationDisabled cvAddrAttrPvpTermination	Disabled Enabled
CvQ922Signal	cvQ922SignalDisabled cvQ922SignalEnabled	Disabled Enabled
CvRecvClock	recvClockDce recvClockLoopTimedDce recvClockDte recvClockDirectTrunk recvClockLoopTimed recvClockInternal recvClockExternal dsx1RecvClockExternal	Dce LoopTimedDce Dte DirectTrunk LoopTimed Internal External dsx1RecvClockExternal

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvRouteDetermination	cvAddrAttrRoutingDisabled cvAddrAttrRouting	Disabled Enabled
CvScnOper	scnOperDisallow scnOperAllow	Disallow Allow
CvServiceType	serviceFrameRelay serviceSmds serviceAtm serviceOther	FrameRelay Smds Atm Other
CvServNameActiveBinding	cvServNameBindingPrimary cvServNameBindingBackup	Primary Backup
CvSetClear	cvClear cvSet	Clear Set
CvSingleBitErrCorr	singleBitDisabled singleBitEnabled	Disabled Enabled
CvSmdsLPortType	smdsSsiDte smdsDxiSniDce smdsDxiSniDte smdsOPTimumTrunk smdsMgmtTrunk	SsiDte DxiSniDce DxiSniDte OPTimumTrunk MgmtTrunk
CvSpvcCircuitType	cvSpvcVpc cvSpvcVcc	SPVPC SPVCC
CvSrcAddrValidation	cvAddrAttrValidationDisabled cvAddrAttrValidation	Disabled Enabled
CvSwAcctAsControl	swAcctAsPrimary swAcctAsSecondary	Primary Secondary

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvSwAcctControl	swAcctDisabled swAcctPvcEnabled swAcctSvcEnabled swAcctEnabled	Disabled PvcEnabled SvcEnabled Enabled
CvSwAcctOamCellCnt	swAcctOamDontCount swAcctOamInTotal	Disabled Enabled
CvSwAcctRecording	swAcctRecDisabled swAcctRecIntraEnabled	Disabled Enabled
CvT1AtmFeacLoopback	t1FeacLoopbackDisabled t1FeacLoopbackEnabled	Disabled Enabled
CvT1CircuitType	t1CircuitTypeSuperframe t1CircuitTypeExtendedSuperframe	SuperFrame ExtendedSuperframe
CvT1E1InBandLineLoopback Code	t1InBandLineLoopbackCodeCSU t1InBandLineLoopbackCodeNI	CSU NI
CvT1E1LineBuildOut	t1e1LineBuildOut0to133ft t1e1LineBuildOut133to266ft t1e1LineBuildOut266to399ft t1e1LineBuildOut399to533ft t1e1LineBuildOut533to655ft	0to133ft 133to266ft 266to399ft 399to533ft 533to655ft
CvT1LineCode	t1LineCodeAMI t1LineCodeB8ZS t1LineCodeAMINoBitStuff	AMI B8ZS AMINoBitStuff
CvTargetSelectType	cvTargetSelectTypeRequired cvTargetSelectTypeAny	Required Any

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
CvUioXfaceType	uioXfaceTypeEia449 uioXfaceTypeX21 uioXfaceTypeEia530 uioXfaceTypeEia530A uioXfaceTypeV35 uioXfaceTypeV24	Eia449 X21 Eia530 Eia530A V35 V24
CvXmitClock	xmitClockDce xmitClockLoopTimedDce xmitClockDte xmitClockDirectTrunk xmitClockLoopTimed xmitClockInternal xmitClockExternal dsx1XmitClockExternal	Dce LoopTimedDce Dte DirectTrunk LoopTimed Internal External dsx1XmitClockExternal
CvXmitLaserStatus	xmitLaserInvalid xmitLaserDisabled xmitLaserEnabled	Invalid Disabled Enabled
LPortObj__Config__CvEfciBit CheckType	efciBitCheckDisabled efciBitCheckEnabled	Disabled Enabled
LPortObj__Config__CvRmCell GenType	rmCellGenTypeNone rmCellGenTypeCcrm rmCellGenTypeBcm	NoLoop Ccrm Bcm
LPortObj__Config__CvRmCell TermType	rmCellTermTypeCcrmOnly rmCellTermTypeCcrmAndBcm	Ccrm CcrmAndBcm
LPortPrivNetOverflow	LPortUsePublicPrivNetOverflow LPortRestrictPrivNetOverflow	Public Restricted
PerformanceMonitorObj__ Config__CvPMSESThreshold Setting	PMSESThresholdSettingBellcore PMSESThresholdSettingANSI	Bellcore ANSI

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
PerformanceMonitorObj__Config__CvPMThresholdCrossingCtrl	PMThresholdCrossingDisabled PMThresholdCrossingEnabled	Disabled Enabled
PFdlObj__Config__CvFdlControl	fdlControlDisabled fdlControlEnabled	Disabled Enabled
PFdlObj__Config__CvPathIdTransmission	pathIdTransmissionDisabled pathIdTransmissionEnabled	Disabled Enabled
PFdlObj__Config__CvPrmTransmission	prmTransmissionDisabled prmTransmissionEnabled	Disabled Enabled
PPortObj__Config__CvIdleCellType	privateNetOverflowRestrict privateNetOverflowPublic	Restricted Public
PrivateNetOverflowMode	atmForum itu	AtmForum Itu
RateEnforcementScheme	jumpingWindowScheme simpleScheme	Jump Simple
RIPSendHostRoutesStates	ripSendHostRoutesOffState ripSendHostRoutesOnState	Off On
RIPStates	ripOffState ripOnState	Off On
SecScnAddrType	scnAddrTypeIgnored scnAddrTypeAesa scnAddrTypeE164	Ignore AESA E164
SecScnAdminStatus	secScnAdminActive secScnAdminInactive	Active Inactive
SecScnCallDirection	scnCallDirIngress scnCallDirEgress	Ingress Egress

Table 1-125. Enumerated Data Types and Values (Continued)

Enumerated Type Name	API Values	CLI Values
SecScnDefault	scnDefaultPass scnDefaultBlock	Pass Block
SecScnMode	scnModeAllScns scnModeDefaultScn	AllScreens DefaultScreen
SecScnType	scnTypePass scnTypeBlock	Pass Block
SmDsPduViolTcaFlag	smDsPduViolTcaDisable smDsPduViolTcaEnable	Disable Enable
SvcConfigObj__Config__ CvFrameDiscard	frameDiscardDisabled frameDiscardEnabled	Disabled Enabled
TelnetSession	telnetSessionDisable telnetSessionEnable	Disabled Enabled