1.1.1.1.1 Attribute *aOnuUniPortCount* *aOnuSrvPortCount* (0xDB/0x00-09)

This attribute represents the number of UNI ports supported by the given ONU.

Attribute *aOnuUniPortCount*:
Syntax:	Unsigned integer
Remote access:	Read-Only
Description:	This attribute represents the number of UNI ports supported by the given ONU.

The *aOnuUniPortSrvPortCount* attribute is associated with the ONU object (see 14.4.1.1). The Variable Container TLV for the *aOnuUniPortSrvPortCount* attribute shall be as specified in Table 14-64.

Table 14-64—*ONU UNI Service Port Count* TLV (0xDB/0x00-09)

Size (octets)	Field (name)	Value	Notes
1	Branch	0xDB	Branch identifier
2	Leaf	0x00-09	Leaf identifier
1	Length	Varies	The size of TLV fields following the Length field
Varies	OnuUniPortSrvPortCount	Varies	Value of *aOnuUniPortSrvPortCount* attribute, mapped into 2-octet-wide value, right justified

1.1.1.1.2 Attribute *aOnuUniPortSrvPortType* (0xDB/0x00-10)

This attribute represents information about the type of individual UNI service ports supported on the ONU and devices connected to individual UNI service ports (if present), including embedded (eSAFE) and other known CPE devices.

This attribute consists of the following sub-attributes: *sPortCount* and *sPortType[sPortCount]*.

Sub-attribute *aOnuUniPortSrvPortType.sPortCount*:
Syntax:	Unsigned integer
Range:	0x00 to 0xFF
Remote access:	Read-Only
Description:	This sub-attribute indicates the number of UNI service ports (including both physical and logical ports) supported by the ONU and listed in *aOnuUniPortSrvPortType* attribute.

Sub-attribute *aOnuUniPortSrvPortType.sPortType[sPortCount]*:
Syntax:	Enumeration
Remote access:	Read-Only
Description:	This sub-attribute indicates the type of individual UNI service ports supported on the ONU and devices connected to individual UNI service ports (if present), including embedded (eSAFE) and other known CPE devices with values specified as follows:

unspecified:	this ONU UNI service port is not connected to a known external or internal device.
emta:	this ONU UNI service port is connected to a PacketCable/eMTA.
estb_ip:	this ONU UNIservice port is connected to an eSTB-IP.
estb_dsg:	this ONU UNIservice port is connected to an eSTB-DSG.

etea:	this ONU ~~UNI~~service port is connected to an eTEA.	
esg:	this ONU ~~UNI~~service port is connected to an ESG.	
erouter:	this ONU ~~UNI~~service port is connected to an eRouter.	
edva:	this ONU ~~UNI~~service port is connected to an eDVA.	
seb_estp_ip:	this ONU ~~UNI~~service port is connected to an SEB eSTB-IP.	

Each ~~UNI~~service port is associated with only one *sPortType* sub-attribute.

~~Individual t~~Types of devices connceted to service ports ~~UNI-connected devices~~ are defined in DPoE-SP-ARCH.

The *aOnu~~UniPort~~SrvPortType* attribute is associated with the ONU object (see 14.4.1.1). The Variable Container TLV for the *aOnu~~UniPort~~SrvPortType* attribute shall be as specified in Table 14-70.

Table 14-70—*ONU UNI Port Type* TLV (0xDB/0x00-10)

Size (octets)	Field (name)		Value	Notes
1	Branch		0xDB	Branch identifier
2	Leaf		0x00-10	Leaf identifier
1	Length		Varies	The size of TLV fields following the Length field, equal to value of *sPortCount* sub-attribute
1	PortType[0]		Varies	Value of *sPortType[0]* sub-attribute, defined as follows: unspecified: 0x00 emta: 0x01 estb_ip: 0x02 estb_dsg: 0x03 etea: 0x04 esg: 0x05 erouter: 0x06 edva: 0x07 seb_estp_ip: 0x08
…	…		…	..
1	PortType[N−1]		Varies	Value of *sPortType[N−1]* sub-attribute