

1.1.1.1.1 Attribute *aFramesTransmittedOK* (0x07/0x00-02)

This attribute represents the number of successfully transmitted frames.

Attribute *aFramesTransmittedOK*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.2.

The *aFramesTransmittedOK* attribute is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesTransmittedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Frames Transmitted OK TLV (0x07/0x00-02)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-02	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
8	FramesTransmittedOK	Varies	Value of <i>aFramesTransmittedOK</i> attribute

1.1.1.1.2 Attribute *aSingleCollisionFrames* (0x07/0x00-03)

This attribute represents the number of frames that are involved in a single collision, and are subsequently transmitted successfully.

Attribute *aSingleCollisionFrames*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.3.

The *aSingleCollisionFrames* attribute is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aSingleCollisionFrames* attribute shall be as specified in Table 14-135.

Table 14-135— Single Collision Frames TLV (0x07/0x00-03)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-03	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	SingleCollisionFrames	Varies	Value of <i>aSingleCollisionFrames</i> attribute

1.1.1.1.3 Attribute *aMultipleCollisionFrames* (0x07/0x00-04)

This attribute represents the number of frames that are involved in more than one collision and are subsequently transmitted successfully.

Attribute *aMultipleCollisionFrames*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.4.

The *aMultipleCollisionFrame* attribute is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aMultipleCollisionFrame* attribute shall be as specified in Table 14-135.

Table 14-135— Multiple Collision Frame TLV (0x07/0x00-04)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-04	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MultipleCollisionFrame	Varies	Value of <i>aMultipleCollisionFrame</i> attribute

1.1.1.1.4 Attribute *aFramesReceivedOK* (0x07/0x00-05)

This attribute represents the number of frames successfully received.

Attribute *aFramesReceivedOK*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.5.

The *aFramesReceivedOK* attribute is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesReceivedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Frames Received OK TLV (0x07/0x00-05)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-05	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesReceivedOK	Varies	Value of <i>aFramesReceivedOK</i> attribute

1.1.1.1.5 Attribute *aFrameCheckSequenceErrors* (0x07/0x00-06)

This attribute represents the number of frames received with non-matching frame check sequence.

Attribute *aFrameCheckSequenceErrors*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.6.

The *aFrameCheckSequenceErrors* attribute is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFrameCheckSequenceErrors* attribute shall be as specified in Table 14-135.

Table 14-135— Frame Check SequenceErrors TLV (0x07/0x00-06)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier

Size (octets)	Field (name)	Value	Notes
2	Leaf	0x00-06	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FrameCheckSequenceErrors	Varies	Value of <i>aFrameCheckSequenceErrors</i> attribute

1.1.1.1.6 Attribute *aAlignmentErrors* (0x07/0x00-07)

This attribute represents the number of alignment error.

Attribute *aAlignmentErrors*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.7.

The *aAlignmentErrors* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aAlignmentErrors* attribute shall be as specified in Table 14-135.

Table 14-135— Alignment Errors TLV (0x07/0x00-07)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-07	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	AlignmentErrors	Varies	Value of <i>aAlignmentErrors</i> attribute

1.1.1.1.7 Attribute *aOctetsTransmittedOK* (0x07/0x00-08)

This attribute represents the number of successfully transmitted octets.

Attribute *aOctetsTransmittedOK*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.8.

The *aOctetsTransmittedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aOctetsTransmittedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Octets Transmitted OK TLV (0x07/0x00-08)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-08	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	OctetsTransmittedOK	Varies	Value of <i>aOctetsTransmittedOK</i> attribute

1.1.1.1.8 Attribute *aFramesWithDeferredXmissions* (0x07/0x00-09)

This attribute represents the number of frames whose transmission was delayed on its first attempt because the medium was busy.

Attribute *aFramesWithDeferredXmissions*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.9.

The *aFramesWithDeferredXmissions* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesWithDeferredXmissions* attribute shall be as specified in Table 14-135.

Table 14-135— Frames With Deferred Xmissions TLV (0x07/0x00-09)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-09	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesWithDeferredXmissions	Varies	Value of <i>aFramesWithDeferredXmissions</i> attribute

1.1.1.1.9 Attribute *aLateCollisions* (0x07/0x00-0A)

This attribute represents the number of the times that a collision has been detected later than one slot time from the start of the packet transmission.

Attribute *aLateCollisions*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.10.

The *aLateCollisions* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aLateCollisions* attribute shall be as specified in Table 14-135.

Table 14-135— Late Collisions TLV (0x07/0x00-0A)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-0A	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	LateCollisions	Varies	Value of <i>aLateCollisions</i> attribute

1.1.1.1.10 Attribute *aFramesAbortedDueToXSColls* (0x07/0x00-0B)

This attribute represents the number of frames that were not transmitted successfully due to excessive collisions.

Attribute *aFramesAbortedDueToXSColls*:

Syntax: Unsigned integer
Range: 0x00-00-00-00-00-00-00-00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.11.

The *aFramesAbortedDueToXSColls* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesAbortedDueToXSColls* attribute shall be as specified in Table 14-135.

Table 14-135— Frames Aborted Collisions TLV (0x07/0x00-0B)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-0B	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesAbortedDueToXSColls	Varies	Value of <i>aFramesAbortedDueToXSColls</i> attribute

1.1.1.1.11 Attribute *aFramesLostDueToIntMACXmitError* (0x07/0x00-0C)

This attribute represents the number of frames that would otherwise be transmitted by the station, but could not be sent due to an internal MAC sublayer transmit error.

Attribute *aFramesLostDueToIntMACXmitError*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.12.

The *aFramesLostDueToIntMACXmitError* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesLostDueToIntMACXmitError* attribute shall be as specified in Table 14-135.

Table 14-135— Frames Lost Internal Tx Error TLV (0x07/0x00-0C)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-0C	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesAbortedDueToXSColls	Varies	Value of <i>aFramesAbortedDueToXSColls</i> attribute

1.1.1.1.12 Attribute *aOctetsReceivedOK* (0x07/0x00-0E)

This attribute represents the number of data and padding octets in frames that are successfully received.

Attribute *aOctetsReceivedOK*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.14.

The *aOctetsReceivedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aOctetsReceivedOK* attribute shall be as specified in Table 14-135.

Table 14-135 — Octets Received OK TLV (0x07/0x00-0E)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-0E	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	OctetsReceivedOK	Varies	Value of <i>aOctetsReceivedOK</i> attribute

1.1.1.1.13 Attribute *aFramesLostDueToIntMACRcvError* (0x07/0x00-0F)

This attribute represents the number of frames that would otherwise be received by the station, but could not be accepted due to an internal MAC sublayer receive error.

Attribute *aFramesLostDueToIntMACRcvError*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.15.

The *aFramesLostDueToIntMACRcvError* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesLostDueToIntMACRcvError* attribute shall be as specified in Table 14-135.

Table 14-135 — Frames Lost Internal Rx Error TLV (0x07/0x00-0F)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-0F	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesLostDueToIntMACRcvError	Varies	Value of <i>aFramesLostDueToIntMACRcvError</i> attribute

1.1.1.1.14 Attribute *aMulticastFramesXmittedOK* (0x07/0x00-12)

This attribute represents the number of frames that are successfully transmitted to a group destination address other than broadcast.

Attribute *aMulticastFramesXmittedOK*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.18.

The *aMulticastFramesXmittedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMulticastFramesXmittedOK* attribute shall be as specified in Table 14-135.

Table 14-135 — Multicast Frames Transmitted OK TLV (0x07/0x00-12)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-12	Leaf identifier

Size (octets)	Field (name)	Value	Notes
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MulticastFramesXmittedOK	Varies	Value of <i>aMulticastFramesXmittedOK</i> attribute

1.1.1.1.15 Attribute *aBroadcastFramesXmittedOK* (0x07/0x00-13)

This attribute represents the number of frames that were successfully transmitted to the broadcast address.

Attribute *aBroadcastFramesXmittedOK*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.19.

The *aBroadcastFramesXmittedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aBroadcastFramesXmittedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Broadcast Frames Transmitted OK TLV (0x07/0x00-13)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-13	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	BroadcastFramesXmittedOK	Varies	Value of <i>aBroadcastFramesXmittedOK</i> attribute

1.1.1.1.16 Attribute *aFramesWithExcessiveDeferral* (0x07/0x00-14)

This attribute represents the number of frames that deferred for an excessive period of time.

Attribute *aFramesWithExcessiveDeferral*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.20.

The *aFramesWithExcessiveDeferral* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFramesWithExcessiveDeferral* attribute shall be as specified in Table 14-135.

Table 14-135— Frames With Excessive Deferral TLV (0x07/0x00-14)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-14	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FramesWithExcessiveDeferral	Varies	Value of <i>aFramesWithExcessiveDeferral</i> attribute

1.1.1.1.17 Attribute *aMulticastFramesReceivedOK* (0x07/0x00-15)

This attribute represents the number of frames that are successfully received and are directed to an active non-broadcast group address.

Attribute *aMulticastFramesReceivedOK*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.21.

The *aMulticastFramesReceivedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMulticastFramesReceivedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Multicast Frames Received OK TLV (0x07/0x00-15)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-15	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MulticastFramesReceivedOK	Varies	Value of <i>aMulticastFramesReceivedOK</i> attribute

1.1.1.1.18 Attribute *aBroadcastFramesReceivedOK* (0x07/0x00-16)

This attribute represents the number of frames that are successfully received and are directed to the broadcast group address.

Attribute *aBroadcastFramesReceivedOK*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.22.

The *aBroadcastFramesReceivedOK* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aBroadcastFramesReceivedOK* attribute shall be as specified in Table 14-135.

Table 14-135— Broadcast Frames Received OK TLV (0x07/0x00-16)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-16	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	BroadcastFramesReceivedOK	Varies	Value of <i>aBroadcastFramesReceivedOK</i> attribute

1.1.1.1.19 Attribute *alnRangeLengthErrors* (0x07/0x00-17)

This attribute represents the number of MAC frames received with a Length/Type field value between the minimum MAC client data size and *maxBasicDataSize* (see IEEE Std 802.3, 4.2.7.1) inclusive, and that does not match the number of data octets received.

Attribute *aInRangeLengthErrors*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.23.

The *aInRangeLengthErrors* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aInRangeLengthErrors* attribute shall be as specified in Table 14-135.

Table 14-135— In Range Length Errors TLV (0x07/0x00-17)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-17	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	InRangeLengthErrors	Varies	Value of <i>aInRangeLengthErrors</i> attribute

1.1.1.1.20 Attribute *aOutOfRangeLengthField* (0x07/0x00-18)

This attribute represents the number of MAC frames received with a Length/Type field value that is greater than *maxBasicDataSize* (see IEEE Std 802.3, 4.2.7.1).

Attribute *aOutOfRangeLengthField*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.24.

The *aOutOfRangeLengthField* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aOutOfRangeLengthField* attribute shall be as specified in Table 14-135.

Table 14-135— Out Of Range Length TLV (0x07/0x00-18)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-18	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	OutOfRangeLengthField	Varies	Value of <i>aOutOfRangeLengthField</i> attribute

1.1.1.1.21 Attribute *aFrameTooLongErrors* (0x07/0x00-19)

This attribute represents the number of MAC frames received that exceed *maxFrameSizeLimit* (see IEEE Std 802.3, 4.2.7.1).

Attribute *aFrameTooLongErrors*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.25.

The *aFrameTooLongErrors* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFrameTooLongErrors* attribute shall be as specified in Table 14-135.

Table 14-135— Frame Too Long Errors TLV (0x07/0x00-19)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-19	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FrameTooLongErrors	Varies	Value of <i>aFrameTooLongErrors</i> attribute

1.1.1.1.22 Attribute *aMACEnableStatus* (0x07/0x00-1A)

This attribute represents the status of the MAC.

Attribute *aMACEnableStatus*:

Syntax: Boolean

Remote access: Read/Write

Default value: enabled

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.26. Upon writing of this attribute, the following actions take place:

enabled: MAC sublayer enters the normal operational state at idle.

disabled: MAC sublayer ceases all transmit and receive operations and enters a disabled state.

The *aMACEnableStatus* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aMACEnableStatus* attribute shall be as specified in Table 14-135.

Table 14-135— MAC Enable Status TLV (0x07/0x00-1A)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-1A	Leaf identifier
1	Length	0x01	The size of TLV fields following the Length field
1	MACEnableStatus	Varies	Value of <i>aMACEnableStatus</i> attribute, attribute, defined as follows: enabled: 0x01 disabled: 0x00

1.1.1.1.23 Attribute *aReadWriteMACAddress* (0x07/0x00-1D)

This attribute represents the MAC address assigned to a UNI Port.

Attribute *aReadWriteMACAddress*:

Syntax: MAC address

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.1.1.29.

The *aReadWriteMACAddress* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aReadWriteMACAddress* attribute shall be as specified in Table 14-135.

Table 14-135— Read-Write MAC Address TLV (0x07/0x00-1D)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier

Size (octets)	Field (name)	Value	Notes
2	Leaf	0x00-1D	Leaf identifier
1	Length	0x06	The size of TLV fields following the Length field
6	ReadWriteMACAddress	Varies	Value of <i>aReadWriteMACAddress</i> attribute

1.1.1.1.24 Attribute *aPhyType* (0x07/0x00-20)

This attribute represents a PHY type.

Attribute *aPhyType*:

Syntax: Enumeration

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.2.1.2. The following values are defined:

other: Undefined
unknown: Initializing, true state or type not yet known
none: MII present and nothing connected
10Mbps: IEEE Std 802.3, Clause 7 10Mb/s Manchester
100BASE-T4: IEEE Std 802.3, Clause 23 100Mb/s 8B/6T
100BASE-X: IEEE Std 802.3, Clause 24 or subclause 66.1 100Mb/s 4B/5B
100BASE-T2: IEEE Std 802.3, Clause 32 100Mb/s PAM5X5
1000BASE-X: IEEE Std 802.3, Clause 36 or subclause 66.2 1000Mb/s 8B/10B
1000BASE-T: IEEE Std 802.3, Clause 40 1000 Mb/s 4D-PAM5
10GBASE-X: IEEE Std 802.3, Clause 48 10Gb/s 4 lane 8B/10B
10GBASE-R: IEEE Std 802.3, Clause 49 10Gb/s 64B/66B
10GBASE-W: IEEE Std 802.3, Clause 49 10Gb/s 64B/66B and Clause 50 WIS
10GBASE-T: IEEE Std 802.3, Clause 55 10Gb/s DSQ128

The *aPhyType* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aPhyType* attribute shall be as specified in Table 14-135.

Table 14-135— *Phy Type* TLV (0x07/0x00-20)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-20	Leaf identifier
1	Length	0x01	The size of TLV fields following the Length field

Size (octets)	Field (name)	Value	Notes
1	PhyType	Varies	Value of <i>aPhyType</i> attribute, defined as follows: other: 0x01 unknown: 0x02 none: 0x03 10Mbps: 0x07 100BASE-T4: 0x17 100BASE-X: 0x18 100BASE-T2: 0x20 1000BASE-X: 0x24 1000BASE-T: 0x28 10GBASE-X: 0x30 10GBASE-R: 0x31 10GBASE-W: 0x32 10GBASE-T: 0x37

1.1.1.1.25 Attribute *aSymbolErrorDuringCarrier* (0x07/0x00-23)

This attribute represents the number of carrier events (media being non-idle) that had PHY reception errors.

Attribute *aSymbolErrorDuringCarrier*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.2.1.5.

The *aSymbolErrorDuringCarrier* is associated with the the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aSymbolErrorDuringCarrier* attribute shall be as specified in Table 14-135.

Table 14-135— Symbol Error During Carrier TLV (0x07/0x00-23)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-23	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	SymbolErrorDuringCarrier	Varies	Value of <i>aSymbolErrorDuringCarrier</i> attribute

1.1.1.1.26 Attribute *aPhyAdminState* (0x07/0x00-25)

This attribute represents the PHY administrative state.

Attribute *aPhyAdminState*:

Syntax: Enumeration
Default value: enabled
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.2.1.7. The following values are defined:
enabled: PHY is enabled.
disabled: PHY is disabled.

The *aPhyAdminState* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aPhyAdminState* attribute shall be as specified in Table 14-135.

Table 14-135— Phy Admin State TLV (0x07/0x00-25)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-25	Leaf identifier
1	Length	0x04	The size of TLV fields following the Length field
4	PhyAdminState	Varies	Value of <i>aPhyAdminState</i> attribute, defined as follows: enabled: 0x01 disabled: 0x00

1.1.1.1.27 Attribute *aMACControlFramesTransmitted* (0x07/0x00-5E)

This attribute represents the number of MAC Control frames passed to the MAC sublayer for transmission.

Attribute *aMACControlFramesTransmitted*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.3.3.

The *aMACControlFramesTransmitted* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMACControlFramesTransmitted* attribute shall be as specified in Table 14-135.

Table 14-135— MAC Control Frames Transmitted TLV (0x07/0x00-5E)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-5E	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MACControlFramesTransmitted	Varies	Value of <i>aMACControlFramesTransmitted</i> attribute

1.1.1.1.28 Attribute *aMACControlFramesReceived* (0x07/0x00-5F)

This attribute represents the number of MAC Control frames passed by the MAC sublayer to the MAC Control sublayer.

Attribute *aMACControlFramesReceived*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.3.4.

The *aMACControlFramesReceived* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMACControlFramesTransmitted* attribute shall be as specified in Table 14-135.

Table 14-135— MAC Control Frames Received TLV (0x07/0x00-5F)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-5F	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MACControlFramesReceived	Varies	Value of <i>aMACControlFramesReceived</i> attribute

1.1.1.1.29 Attribute *aUnsupportedOpcodesReceived* (0x07/0x00-60)

This attribute represents the of MAC Control frames received that contain an opcode that is not supported by the ONU.

Attribute *aUnsupportedOpcodesReceived*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.3.5.

The *aUnsupportedOpcodesReceived* is associated with the UNI Port or the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aUnsupportedOpcodesReceived* attribute shall be as specified in Table 14-135.

Table 14-135— Unsupported Opcodes Received TLV (0x07/0x00-60)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-60	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	UnsupportedOpcodesReceived	Varies	Value of <i>aUnsupportedOpcodesReceived</i> attribute

1.1.1.1.30 Attribute *aPAUSEMACCtrlFramesTransmitted* (0x07/0x00-62)

This attribute represents the number of *PAUSE* frames passed to the MAC sublayer for transmission

Attribute *aPAUSEMACCtrlFramesTransmitted*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.4.2.

The *aPAUSEMACCtrlFramesTransmitted* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aPAUSEMACCtrlFramesTransmitted* attribute shall be as specified in Table 14-135.

Table 14-135— PAUSE Frames Transmitted TLV (0x07/0x00-62)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-62	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field

Size (octets)	Field (name)	Value	Notes
1..8	PAUSEMACCtrlFramesTransmitted	Varies	Value of <i>aPAUSEMACCtrlFramesTransmitted</i> attribute

1.1.1.1.31 Attribute *aPAUSEMACCtrlFramesReceived* (0x07/0x00-63)

This attribute represents the number of *PAUSE* frames passed by the MAC sublayer to the MAC Control sublayer.

Attribute *aPAUSEMACCtrlFramesReceived*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.4.3.

The *aPAUSEMACCtrlFramesReceived* is associated with the UNI Port object (see 14.4.1.1). The Variable Container TLV for the *aPAUSEMACCtrlFramesReceived* attribute shall be as specified in Table 14-135.

Table 14-135 — PAUSE Frames Received TLV (0x07/0x00-63)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x00-63	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	PAUSEMACCtrlFramesReceived	Varies	Value of <i>aPAUSEMACCtrlFramesReceived</i> attribute

1.1.1.1.32 Attribute *aMPCPMACCtrlFramesTransmitted* (0x07/0x01-18)

This attribute represents the number of MPCP frames passed to the MAC sublayer for transmission

Attribute *aMPCPMACCtrlFramesTransmitted*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.7.

The *aMPCPMACCtrlFramesTransmitted* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPMACCtrlFramesTransmitted* attribute shall be as specified in Table 14-135.

Table 14-135 — MPCP Frames Transmitted TLV (0x07/0x01-18)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-18	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPMACCtrlFramesTransmitted	Varies	Value of <i>aMPCPMACCtrlFramesTransmitted</i> attribute

1.1.1.1.33 Attribute *aMPCPMACCtrlFramesReceived* (0x07/0x01-19)

This attribute represents the number of MPCP frames passed by the MAC sublayer to the MAC Control sublayer.

Attribute *aMPCPMACCtrlFramesReceived*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.8.

The *aMPCPMACCtrlFramesReceived* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPMACCtrlFramesTransmitted* attribute shall be as specified in Table 14-135.

Table 14-135— MPCP Frames Received TLV (0x07/0x01-19)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-19	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPMACCtrlFramesReceived	Varies	Value of <i>aMPCPMACCtrlFramesReceived</i> attribute

1.1.1.1.34 Attribute *aMPCPDiscoveryWindowsSent* (0x07/0x01-20)

This attribute represents the number of discovery windows generated.

Attribute *aMPCPDiscoveryWindowsSent*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.22.

The *aMPCPDiscoveryWindowsSent* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPDiscoveryWindowsSent* attribute shall be as specified in Table 14-135.

Table 14-135— MPCP Discovery Windows Sent TLV (0x07/0x01-20)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-20	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPDiscoveryWindowsSent	Varies	Value of <i>aMPCPDiscoveryWindowsSent</i> attribute

1.1.1.1.35 Attribute *aMPCPDiscoveryTimeout* (0x07/0x01-22)

This attribute represents the number of times a discovery time-out occurred.

Attribute *aMPCPDiscoveryTimeout*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.23.

The *aMPCPDiscoveryTimeout* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPDiscoveryTimeout* attribute shall be as specified in Table 14-135.

Table 14-135— MPCP Discovery Timeout TLV (0x07/0x01-22)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-22	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPDiscoveryTimeout	Varies	Value of <i>aMPCPDiscoveryTimeout</i> attribute

1.1.1.1.36 Attribute *aFECCorrectedBlocks* (0x07/0x01-24)

This attribute represents the number corrected FEC blocks

Attribute *aFECCorrectedBlocks*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.5.1.1.17.

The *aFECCorrectedBlocks* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFECCorrectedBlocks* attribute shall be as specified in Table 14-135.

Table 14-135— FEC Corrected Blocks TLV (0x07/0x01-24)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-24	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FECCorrectedBlocks	Varies	Value of <i>aFECCorrectedBlocks</i> attribute

1.1.1.1.37 Attribute *aFECUncorrectableBlocks* (0x07/0x01-25)

This attribute represents the number of uncorrectable FEC blocks.

Attribute *aFECUncorrectableBlocks*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.5.1.1.18.

The *aFECUncorrectableBlocks* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFECUncorrectableBlocks* attribute shall be as specified in Table 14-135.

Table 14-135— FEC Uncorrectable Blocks TLV (0x07/0x01-25)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-25	Leaf identifier

Size (octets)	Field (name)	Value	Notes
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	FECUncorrectableBlocks	Varies	Value of <i>aFECUncorrectableBlocks</i> attribute

1.1.1.1.38 Attribute *aFECAbility* (0x07/0x01-39)

This attribute represents the FEC capability of the PON Port.

Attribute *aFECAbility*:

Syntax: Enumeration

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.5.1.1.15. The following values are defined:

unknown: Device is initializing, true FEC capability is unknown.
supported: FEC is supported.
not_supported: FEC is not supported

The *aFECAbility* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFECAbility* attribute shall be as specified in Table 14-135.

Table 14-135— *FEC Ability* TLV (0x07/0x01-39)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-39	Leaf identifier
1	Length	0x04	The size of TLV fields following the Length field
4	FECAbility	Varies	Value of <i>aFECAbility</i> attribute, defined as follows: unknown: 0x00-00-00-00 supported: 0x00-00-00-01 not_supported: 0x00-00-00-02

1.1.1.1.39 Attribute *aFECmode* (0x07/0x01-3A)

This attribute represents the FEC operation mode of the PON Port.

Attribute *aFECmode*:

Syntax: Enumeration

Remote access: Read-Write

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.5.1.1.16. The following values are defined:

unknown: Device is initializing, true FEC capability is unknown.
enabled: FEC is enabled.
disabled: FEC is disabled.

The *aFECmode* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aFECmode* attribute shall be as specified in Table 14-135.

Table 14-135— FEC Mode TLV (0x07/0x01-3A)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-3A	Leaf identifier
1	Length	0x04	The size of TLV fields following the Length field
4	FECmode	Varies	Value of <i>aFECmode</i> attribute, defined as follows: unknown: 0x00-00-00-00 enabled: 0x00-00-00-01 disabled: 0x00-00-00-02 The value unknown may only be present in <i>eOAM_Get_Response</i> message.

1.1.1.1.40 Attribute *aMPCPTxRegAck* (0x07/0x01-3C)

This attribute represents the number of times a *REGISTER_ACK* MPCPDU transmission occurred.

Attribute *aMPCPTxRegAck*:

- Syntax:** Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.10.

The *aMPCPTxRegAck* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPTxRegAck* attribute shall be as specified in Table 14-135.

Table 14-135— REGISTER_ACK MPCPDUs Transmitted TLV (0x07/0x01-3C)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-3C	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPTxRegAck	Varies	Value of <i>aMPCPTxRegAck</i> attribute

1.1.1.1.41 Attribute *aMPCPTxRegRequest* (0x07/0x01-3E)

This attribute represents the number of times a *REGISTER_REQ* MPCPDU transmission occurred.

Attribute *aMPCPTxRegRequest*:

- Syntax:** Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.12.

The *aMPCPTxRegRequest* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPTxRegRequest* attribute shall be as specified in Table 14-135.

Table 14-135— REGISTER_REQ MPCPDUs Transmitted TLV (0x07/0x01-3E)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier

Size (octets)	Field (name)	Value	Notes
2	Leaf	0x01-3E	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPTxRegRequest	Varies	Value of <i>aMPCPTxRegRequest</i> attribute

1.1.1.1.42 Attribute *aMPCPTxReport* (0x07/0x01-3F)

This attribute represents the number of times a *REPORT* MPCPDU transmission occurred.

Attribute *aMPCPTxReport*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.13.

The *aMPCPTxReport* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPTxReport* attribute shall be as specified in Table 14-135.

Table 14-135— *REPORT* MPCPDUs Transmitted TLV (0x07/0x01-3F)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-3F	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPTxReport	Varies	Value of <i>aMPCPTxReport</i> attribute

1.1.1.1.43 Attribute *aMPCPRxGate* (0x07/0x01-40)

This attribute represents the number of times a *GATE* MPCPDU reception occurred.

Attribute *aMPCPRxGate*:

Syntax: Counter, Nonresettable, Wrap-around
Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF
Remote access: Read-Only
Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.14.

The *aMPCPRxGate* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPRxGate* attribute shall be as specified in Table 14-135.

Table 14-135— *GATE* MPCPDUs Received TLV (0x07/0x01-40)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-40	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPRxGate	Varies	Value of <i>aMPCPRxGate</i> attribute

1.1.1.1.44 Attribute *aMPCPRxRegister* (0x07/0x01-42)

This attribute represents the number of times a *REGISTER* MPCPDU reception occurred.

Attribute *aMPCPRxRegister*:

Syntax: Counter, Nonresettable, Wrap-around

Range: 0x00 to 0xFF-FF-FF-FF-FF-FF-FF-FF

Remote access: Read-Only

Description: The behavior of this attribute is defined in IEEE Std 802.3, 30.3.5.1.16.

The *aMPCPRxRegister* is associated with the PON Port object (see 14.4.1.1). The Variable Container TLV for the *aMPCPRxRegister* attribute shall be as specified in Table 14-135.

Table 14-135— REGISTER MPCPDUs Received TLV (0x07/0x01-42)

Size (octets)	Field (name)	Value	Notes
1	Branch	0x07	Branch identifier
2	Leaf	0x01-42	Leaf identifier
1	Length	0x01 to 0x08	The size of TLV fields following the Length field
1..8	MPCPRxRegister	Varies	Value of <i>aMPCPRxRegister</i> attribute