	Basic package	Behaviour	Syntax	Enumerations (if applicable)	R/W	Cls 45	Cross refernce
PON ATTRIBUTES							
aMPCPLinkID	X	A value that identifies the Logical Link identity (LLID) associated with the MAC port as specified in CROSS REF subclause 65.1.3.1.2. Values are 0-32767.	INTEGER	n/a	GET	n/a	
aMPCPAdminState	X	A read-only value that identifies the operational state of the Multi-Point MAC Control sublayer. An interface which can provide the Multi-Point MAC Control sublayer functions specified in CROSS REF Clause 64 will be enabled to do so when this attribute has the enumeration 'enable'. When this attribute has the enumeration 'disable' the interface will act as it would if it had no Multi-Point MAC Control sublayer. The operational state of the Multi-Point MAC Control Sublayer can be changed using the acMPCPAdminControl action.	ENUMERATED VALUE	enabled disabled	GET	n/a	
aMPCPRemoteMACAddress	X	The value of the source_address parameter of the last MPCPDUs passed to the MAC Control. This value is updated on reception of a valid frame with (1) a destinationField equal to the reserved multicast address for MAC Control specified in CROSS REF 31A, (2) lengthOrType field value equal to the reserved Type for MAC Control as specified in CROSS REF 31A, (3) an MPCP subtype value equal to the subtype reserved for MPCP as specified in CROSS REF 31A;	MACAddress	n/a	GET	n/a	
aMPCPMode	X	A read-only value that identifies the operational mode of the Multi-Point MAC Control sublayer. An interface which can provide the Multi-Point MAC Control sublayer functions specified in CROSS REF Clause 64 will be operate as an OLT when this attribute has the enumeration 'OLT'. When this attribute has the enumeration 'ONU' the interface will act as an ONU.	ENUMERATED VALUE	OLT ONU	GET	n/a	
aMPCPRegistrationState		A read-only value that identifies the operational state of the Multi-Point MAC Control sublayer. When this attribute has the enumeration 'unregistered' the interface may be used for registering a link partner. When this attribute has the enumeration 'registering' the interface is in the process of registering a link-partner. When this attribute has the enumeration 'registered' the interface has an established link-partner.	ENUMERATED VALUE	unregistered registering registered	GET	n/a	State machine refernce ???
aMPCPTransmitElapsed		Interval from last MPCP frame transmission. Units - 16ns. 32 Integer. Freeze at limit.	INTEGER	n/a	GET	n/a	State machine reference ???
aMPCPReceiveElapsed		Interval from last MPCP frame reception. Units - 16ns. 32 Integer. Freeze at limit.	INTEGER		GET		State machine reference ???
aMPCPRoundTripTime		A read-only value that holds the round trip time. This attribute is updated on following every MPCPDU reception. Units - 16ns. 16 Integer.	INTEGER		GET		State machine reference ???
aMPCPDiscoveryWindowsSent		A read-only value that counts the number of discovery windows generated by this interface.	Generalized nonresettable COUNTER		GET		State machine reference ???
aMPCPRegistrationAttempts		A read-only value that counts the number of attempts to perform registration were made by this interface.	Generalized nonresettable COUNTER		GET		State machine reference ???
aMPCPDiscoveryTimeout		A read-only value that counts the number of times the discovery processing state-machine reset resulting from timeout waiting for message arrival.	Generalized nonresettable COUNTER		GET		State machine reference ???
aMPCPMaximumPendingGrants		Integer - 1 Byte. Supplies the maximum number of grants an ONU can store.	INTEGER		GET		
PON ACTIONS							
acMPCPAdminControl		This action provides a means to alter aMPCPAdminState					