

Specifications

Product Specifications			
Standard	IEEE 802.3av YD-T 1475-2006 Technical Requirements for Access Network--Passive Optical Network Based on Ethernet (EPON) YD-T 1531-2006 Test Method for Access Network Equipment--Passive Optical Network Based on Ethernet(EPON) YD-T 1771-2008 Technical Requirements for Access Networks--Interoperability of EPON Systems YD-T 1809-2008 Testing Methods for Access Network--Interoperability of EPON Systems		
PON Interface	Standard: IEEE 802.3av 10/1GBASE-PRX-U3 Number of Ports: 1 TX Power: 0.6dBm ~ +5.6dBm RX Sensitivity: ≤ -28.5dBm	Connector: SC/PC Wavelength: 1310/1557nm Saturation Rx Power: ≥ -3dBm	
Giga Ethernet Interface	Standard: IEEE 802.3 Connector: RJ45 Data Rate: 10/100/1000M auto-negotiation Duplex: Full/Half auto-negotiation	Number of Ports: 24 MDI/MDIX: auto-MDIX	
Ethernet Management Interface (in-band)	Any service interface can be configured for in-band network management		
System Features			
Distance	20km	Split Ratio	1:256
Line Rate	Symmetrical 10Gbps, or asymmetrical 10Gbps downlink + 1Gbps uplink	MAC Table Capacity	8k
VLAN	IEEE 802.1Q; 4k VLAN; IEEE 802.1ad (Q in Q); VLAN transparent; VLAN trunk; VLAN transition		
Bridge	Store-and-forward mode, supports layer-2 wire-speed forwarding; Maximum frame length:1600 bytes; Broadcasting storm control; Port/flow mirroring function; Bi-direction port rate limiting		
Flow Control	IEEE 802.3x (full duplex flow control) and back pressure type flow control (half duplex)		
DBA	Bandwidth granularity is 64kbit/s; Support SLA including fixed bandwidth/guaranteed bandwidth/maximal bandwidth, delay level and priority level		