

GPON Specifications

Interface Type	SC/APC SMF
Maximum Splitting Ratio	1:128
Speed	2.5 Gbps Downstream 1.2 Gbps Upstream
Sent Wavelength	1310 nm
Received Wavelength	1490 nm
Optical Output Power	-1 ~ + 3 dBm
Receiving Sensitivity	< -27 dBm
Optical Link Budget Loss	29 dB
Farthest Distance Between OLT and ONU	20 km

Network Specifications

Subscriber Identification	ONU IEEE802.1x
Service Quality	QoS IEEE802.1p, 1GMP Snooping, Ethernet port rate limit loop detection
Dynamic Bandwidth Allocate	DBA The biggest bandwidth of every ONU subscriber and assures proper allocation quality
L2 Switch Function	MAC address management: IEEE802.1q VLAN and supports 4094 VLANs, Frame filtering and suppression, Network Address Translation & Network Address Port Translation (NAPT) IP sharing
Management Mode	Web Server, SNMP data collection
WAN Protocols	PPPoE/StaticIP/PPTP/DHCP
LAN Interface	Standard Appliance: IEEE802.310Base-T, IEEE802.3u 100Base-Tx/Fx IEEE802.3x Electrical Type and Quantity: 4 RJ45, 10M/100M Ethernet network ports

CATV Specifications

Interface Type	1 RF Output Female F Type Connector
Output Level	95 dBuV
RF Frequency	54-862 MHz
Automatic Gain Control Range	0 ~ 10 dB (CNR ≥ 46 dB @ 6 dB)
RF Impedance	75 Ohm

Wifi Specifications

Wireless Networking Standard	IEEE802.11n (Backwards compatible with IEEE802.11b/g)
Frequency Band	2.4 GHz
Data Transfer Rate	300 Mbs