

GPON OLT

Introduction

FOT GOLT1008 GPON OLT compliant with ITU-TG.984.x GPON technology standard which with high bandwidth 2.5G/1.25G; It is 1U compact small form factor with hot-swappable load-sharing AC/DC power modules design makes GOLT1008 easy to fit in any chassis and outdoor cabinet.



Features

- 8 GPON ports, support 512 subscribers, average subscriber's throughput ~44M(1:64)
- 4x SFP / 2x 10G SFP+ for Ethernet uplinks
- Low power consumption, about 50W with full load, 0.1W per subscriber
- Support robust traffic management
- Support telnet, web-based in-band and out-of-band management

Specifications

Item	Parameters
Model	GOLT1008: 1U,8 GPON ports
Standard	ITU-T G.984.1, 984.2, 984.3, 984.4
Interface	8 ports GPON OLT in SFP 512 subscribers with 1:64 splitter ratio 1024 subscribers with 1:128 splitter ratio 4*1000BASE-X for NNI uplinks 2*10G SFP+ for optional uplinks* 2*10/100/1000BASE-T RJ45 for optional uplinks*
Traffic Management	Per-flow QoS / Bandwidth control Multicast IGMP Snooping V3 Multicast IGMP proxy V2 Up to 10K jumbo frame supported 8 strict and weighted scheduling queues LACP / RSTP uplink protection IEEE 802.3ad link aggregation 32K MAC address , 4K VLAN and Q-in-Q

	128Gbps (Duplex) switching capacity Ingress policing per service Service classification by CoS / DSCP / MAC .. PPPoE Relay & DHCP Relay with option 82
Power consumption	Hot-swappable AC/DC power modules with load-sharing ACM-80 : 90 ~ 264 VAC , 50-60 Hz, 80 W DCM-80 : -36 ~ -72 VDC , 80 W Low power consumption 0.08W for each subscriber
Management	RS232 console for CLI In-band/ Out-of-band Ethernet http web-based In-band/ Out-of-band Ethernet telnet SNMP V2
Power	Power: 12V DC / 2.0A
Dimension	440*270*44.5mm(W*D*H)
Operating Environment	Operating Temperature: 0~40 °C Operating Humidity: 10%~85% (non-condensed)