GL-E8010U-FZ mini ONU

GL-E8010U-FZ type ONU products fully comply with IEEE 802.3-2005 and the China Telecom EPON device technical specification (V2.1). It is operative, manageable and maintainable at telecommunication level, and can provide high speed data service for customers. It has a PON uplink port that connects to office end apparatus through optical fiber.

Product Features:

1. Conform to IEEE802.3ah standard

2. Support Ethernet service layer 2 switching and wire-speed forwarding of uplink and downlink services

3. Support frame filtering and suppression

4. Support standard 802.1Q Vlan function, support VLAN conversion

5. Support 4094 VLANs (802.1Q)

6. Support Dynamic Bandwidth Allocation (DBA) function

7. Support QoS, including traffic flow classification, priority marking, queue and dispatch, traffic shaping and traffic control, etc.

8. Single ONU supports up to 1 LLID. Support IGMP Snooping. Support router

9. Support Ethernet port rate limit loop detection. Support power failure alarm

10. Support lightning protection for power supply and lightning protection for service port

Technical Parameter

Module	E8010U-FZ
User interface	1 10/100/1000M RJ45 port.
PON	Transmission speed: upstream 1.25Gbps, downstream 1.25Gbps Network coverage radius: 20KM Optical receive sensitivity: -25dBm Luminous power:＞0dBm Security: ONU authentication mechanism
VLAN	Port-based VLAN IEEE 802.1Q VLAN
QOS	Backpressure flow control (half-duplex) IEEE 802.3x flow control (full-duplex) Prevent Head of Line IEEE 802.1p, CoS WR, SP and FIFO queue scheduling algorithm Port rate limit
Safety	IEEE 802.1x, access control based upon Port; support local and remote RADIUS. CHAP, EAP certification; Storm control, port protection,
Router	Support Router
Management	Web, TELNET
Size	117mm(L) ×88mm(W) ×32mm(H)
Environment	Operating temperature:0℃～50℃; Operating humidity:10%～85% non-condensing Storage temperature:-40℃～80℃; Storage humidity:5%～95% non-condensing
Power supply	110～240VAC 12V/0.5A DC Power interface size: 2.5mm
Power Consumption	2.5W

Applications