



GEPON ONU-1GE



ONU-1GE fully comply with IEEE 802.3-2005. 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.

1. KEY FEATURES

- Conform to IEEE802.3ah standard
- Support Ethernet service layer 2 switching and wire-speed forwarding of uplink and downlink services
- Support frame filtering and suppression
- Support standard 802.1Q Vlan function, support VLAN conversion
- Support 4094 VLANs (802.1Q)
- Support Dynamic Bandwidth Allocation (DBA) function
- Support QoS, including traffic flow classification, priority marking, queue and dispatch, traffic shaping and traffic control, etc
- Single ONU supports up to 8 LLID.
- Support IGMP Snooping
- Support Ethernet port rate limit loop detection
- Support power failure alarm
- Support lightning protection for power supply and lightning protection for service port

2. TECHNICAL SPECIFICATION

Standard: IEEE 802.3-2005
IEEE 802.3ah
IEEE 802.3u 100BaseTX
IEEE 802.3ab 1000BaseT
IEEE 802.3z 1000BaseSX/LX/EX/ZX
IEEE 802.3x Flow Control

Wavelength: TX1490nm/RX1310nm

GEPON Port: Output Power >+1dBm, Sensitivity: >-28dBm

Fiber Cable: 8.3/125, 8.7/125, 9/125 or 10/125 single-mode

Connectors: 1x RJ-45 1000Base-T Jack and 1 x PON port

TP Cable: Cat.5 UTP Cable: 100m

Power Supply: 12VDC

Power Consumption: MAX 400mA@12V

Operating temperature: 0 to 55C

Storage temperature : -20 to 60C

3. APPLICATION DIAGRAM

4. ORDERING INFORMATION

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