

OB1061

GPON Indoor ONT Basic



Features

- Supports full GPON bandwidth of up to 2.5 Gbps downstream and 1.25 Gbps upstream access
- Support IP Video through data port
- Gigabit Ethernet interface

TECOM OB1061 is a complying with ITU-T G.984 Gigabit Passive Optical Network (GPON) standards ONU (Optical Network Unit) product, which supports one Giga Ethernet interface, to provide the most cost effective solutions for FTTH application.

In addition to its high performance profile, the OB1061 implementation assures maximum compatibility and provides remote management via OMCI channel.



OB1061

GPON Indoor ONT Basic

Specifications

Interface

- GPON :
 - * Up to 2.5 Gbps downstream and 1.25 Gbps upstream bandwidth
 - * SC / APC connector
 - * Wavelength : 1490 nm downstream and 1310 nm upstream
 - * Support 28dB optical loss budget (Class B+ : 13 – 28dB)
 - * Support 1 by 64 splitting ratio within Class B+
 - * Maximum 20 km transmission distance
- One 10/100/1000Base-T Ethernet port
- LEDs: POWER, PON, LAN, ALM
- Reset button for factory default setting
- Power switch

Compliant Standards

- ITU-T G.984.1, 984.2, 984.3, 984.4
- IEEE 802.3ab
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3z

Quality of Service

- Port-based VLAN
- Q-in-Q VLAN
- Strict Priority
- Weighted Round-Robin Priority
- Multicasting IGMP v1, v2, v3
- IGMP filtering & snooping

Security

- Broadcast storm protection for LAN port
- Admin and User Access Authority
- AES-128 Encryption

Management

- Support Telnet, CLI Management, Configuration and Restoration
- Remote software download/firmware upgrade via FTP Server or OMCI Channel

Operating Environment

- Temperature: Operating 0° to 45°C
Storage: -20° to 65° C
- Humidity: Operating 15% to 85%
Storage: 10% to 90%

Power Requirement

- Power: DC 12V DC / 1A max input

Physical Specification

- Dimension : 129 (W) x 146 (L) x 29 (H) / mm