

OB4001

GPON Indoor ONT



Features

- Supports full GPON bandwidth of up to 2.5 Gbps downstream and 1.25 Gbps upstream access
- Support IP Video for video service
- Gigabit Ethernet interface

TECOM OB4001 is a complying with ITU-T G.984 Gigabit Passive Optical Network (GPON) standards ONU (Optical Network Unit) product, which supports Gigabit Fast Ethernet Interface and one or two VoIP to provide Triple-play service for FTTH user.

In addition to its high performance profile, the OB4001 implementation assures maximum compatibility and provides remote management via OMCI channel.

OB4001

GEPON Indoor ONT

Specifications

Interface

- GPON :
- One SC/ PC connector for GPON transceiver
 - Four RJ-45 connectors for 10/100/1000 BASE-T/TX
 - One reset button
 - One power jack for 12V DC input
 - One power switch
 - Wavelength : 1490 nm downstream and 1310 nm upstream
 - Support 28dB optical loss budget (Class B+ : 13 - 28dB)
 - LEDs : PWR, ALM, PON, LNK1, LNK2, LNK3, LNK4

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

QoS

- Strict Priority
- Weighted Round-Robin priority
- IGMP filtering & snooping
- IGMP v1, v2, v3

Security

- AES-128 encryption per Port-ID
- Supporting to Max. 256 MAC filtering

Management

- Remote management via OMCI channel
- CLI management via Telnet
- Loopback test
- Remote firmware upgrade via FTP server or OMCI channel

Operating Environment

- Temperature : 0~50°C
- Operating Humidity : Less than 90% (non-condensed)
- Storage Temperature : -20~70°C
- Storage Humidity : Less than 95% RH (non-condensing)

Power Requirement

- Power : DC 12V DC / 1A or 1.5A max input

Physical Specification

- Dimension : 208(W) x 148(L) x 42(H)mm

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