

1-Port Gigabit XPON Terminal

Model: MF01G

// Highlights

- Gigabit Port Provides Fast Transfer Speeds
- EPON + GPON Dual Mode
- Support the OMCI Remote Management
- Quick and hassle-free installation



// Specifications

Hardware

Ports: 1x10 / 100 / 1000 Mbps RJ45 Port+
1x SC / APC Port
Power Adapter Output: 9V/0.6A
Button: Reset Button
Dimensions: 82 × 49 × 21 mm

Others

Package Contents

- 1-Port Gigabit XPON Terminal (MF01G)
- Power Adapter
- Quick Installation Guide

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~60°C (-40°F ~140°F)
- Operating Humidity: 10%~90% Non-Condensing
- Storage Humidity: 5%~90% Non-Condensing

General

Standards
ITU-T G.984.1, G.984.2, G.984.3, G.984.4, G.988
IEEE 802.3, 802.3u, 802.1p, 802.1Q
Upstream Rate: 1.244 Gbps(GPON), 1.25 Gbps(EPON)‡
Downstream Rate: 2.488 Gbps(GPON), 1.25 Gbps(EPON)‡
Wavelength: 1490nm downstream/1310nm upstream
Receiving Sensitivity: GPON: -27dBm, EPON: -26dBm
Saturated Power: GPON: -8dBm, EPON: -3dBm
Transmitting Power: GPON: 0.5~5dBm, EPON: 0~4dBm
Input Optical Power: -18dBm~0dBm
Output Reflection Loss: >15dB 47 MHz~1000 MHz
Transmitter: DFB Laser
Receiver: PIN-TIA
Distance: 0 ~ 20Km Max

Software

Working Mode: Bridge
Features
GPON, DBA, FEC
Management
Local management, OMCI
VLAN: 802.1Q tag VLAN
VLAN Mode
Transparent/Translation/Trunk
Authentication
Based on SN and Password
IGMP: IGMP v1/v2/v3
Protocols: IPv4, IPv6
Security
AES Encryption, Packet Filter based on VLAN
Advanced Functions
Upstream and Downstream FEC, Dynamic
Bandwidth Allocation(DBA) Support NSR/SR,
Optical Power Detection

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‡Actual network speed may be limited by the rate of the product's PON or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.