

GPON SFP ONU

Datasheet

MODEL: XM60A

Highlights

- Optics support received signal strength indication (RSSI)
- Compliant to Full Service Access Network (FSAN)
- Internet Group Management Protocol (IGMP) functions
- Supports ITU-T 984.x and G.988 (OMCI)
- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Supports Digital Diagnostic Monitoring (DDM)
- Up to 20 km transmission distance in 9/125 μ m SMF (Single-Mode Fiber)
- Supports Hot Swappable



Overview

TP-Link's XM60A is a GPON SFP ONU Module designed with the G.984 Standard and the Small Form Pluggable Multi-Source Agreement.

As a cost-effective GPON customer premise system, it can provide 1.244Gbps upstream & 2.488Gbps downstream Broad-band services, and the data link is up to 20 km in 9/125 μ m Single-Mode Fiber (SMF).

The device is G.984.x (1/2/3/4/5) and G.988 compliant and integrates a bidirectional optical transceiver function with a GPON media access control (MAC) layer function.

It provides a Gigabit Ethernet (GigE) service to any device capable of hosting this SFP, such as Ethernet switches, wireless backhaul equipment, Ethernet access devices (EADs), routers, remote digital subscriber line access modules (DSLAMs), and other customer premises equipment (CPE).

Specifications

General Specifications

Normal	XM60A
Wave Length	Tx: 1310 nm Rx: 1490 nm
Standards and Protocols	ITU-984.x, G.988
Fiber Type	9/125 um Single-mode
Max. Cable Length	20 km
Data Rate	Upstream: 1.244 Gbps Downstream: 2.488 Gbps
Port Type	SC-APC
Power Support	3.3 V
DDM	Yes
SFP-MSA	Yes
Hot Swappable	Yes

Environmental and Physical Specifications

Product Operating Temperature	0 °C to 70 °C (32 °F to 158 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 80% RH, Non-condensing
Storage Humidity	0% to 95% RH, Non-condensing