

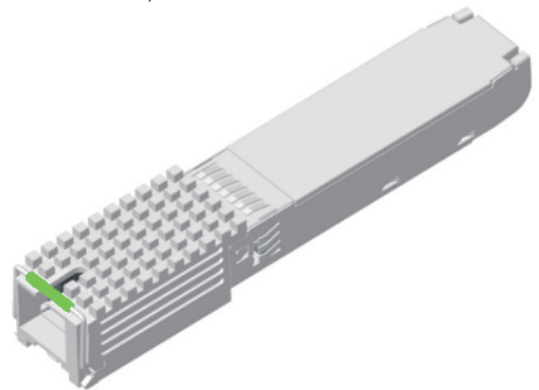
GPON ONU SFP Module

Datasheet

MODEL: XM60A

Highlights

- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Up to 20 km transmission distance in 9/125 μ m SMF (Single-Mode Fiber)
- Internet Group Management Protocol (IGMP) functions
- Compliant to Full Service Access Network (FSAN)
- Supports 2.5G and 1G Ethernet UNI modes
- Supports ITU-T 984.x and G.988 (OMCI)
- Supports Received Signal Strength Indication (RSSI)
- Supports Digital Diagnostic Monitoring (DDM)
- Supports Hot Swappable



Overview

TP-Link's XM60A is a GPON ONU SFP 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

Model	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
Upstream Data Rate	1.244 Gbps
Downstream Data Rate	2.488 Gbps
Receiver Sensitivity	-28 dBm
Overload Power	-8 dBm
Port Type	SC-APC
Power Support	3.3 V
DDM	Yes
SFP-MSA	Yes
Hot Swappable	Yes

Environmental and Physical Specifications

Product Operating 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