10GBase-LR/SR Module



The MTB family includes 10G SFP+ and 10G Fiber Optic (XFP) Gigabit Ethernet module that are designed to work with PLANET products with 10G SFP+ or 10G XFP interface to provide high performance 10G Ethernet network for Enterprises, Telecoms and ISPs. The MTB family is also well applicable for data center cloud computing. The deployment distance can be extended from 300 meters (Multi-Mode, LC), up to 10 kilometers (Single-Mode, LC).

Key Features

- Comply with the IEEE 802.3ae 10 Gigabit Ethernet Standard
- 1-Port LC interface fiber connector (SFP+): MTB-LR / MTB-SR
- 1-Port LC interface fiber connector (XFP): MTB-XLR / MTB-XSR
- For established fiber link distance up to 300m over 50/125μm multi-mode fiber cable
- For established fiber link distance up to 10km over 9/125μm single-mode fiber cable
- Plug and Play Installation

Applications

Apply 10Gbps SFP+ with 10G PCI Express Server Adapter, ENW-9800 / ENW-9801

The 10GBase-LR/SR mini-GBIC module can be installed into PLANET products with 10G STP+ interface. The deployment distance can be extended from 300 meters (Multi-Mode, LC), up to 10 kilometers (Single-Mode, LC).

The 10G SFP+ slots of ENW-9800 / ENW-9801 are hot-pluggable and hot-swappable. With the ENW-9800 / ENW-9801 installed in the PC, you can plug-in and pull out the 10GBase-LR/SR mini-GBIC module in the 10G SFP+ slots of ENW-9800 / ENW-9801 without having to power off the PC.



MTB 10GBase-LR/SR mini-GBIC Module in the 10G PCI card

Transmission distance: 300m~10km

10G XFP Optic Module Application

The 10GBase-LR/SR Fiber Optic module can be installed into PLANET products with 10G XFP interface (Fiber Optic Interface). The deployment distance can be extended from 300 meters (Multi-Mode, LC), up to 10 kilometers (Single-Mode, LC).

Once install the 1-Port 10G Optic module XGS3-XFP into PLANET IPv6 10G Switch XGS3-24040, it provides a 10G XFP slot for 10GBase-LR/SR module installation and supports hot swappable feature. The 10GBase-LR/SR Fiber Optic module can be plugged in and pulled out of the 10G XFP slot without having to power off the Switch.



MTB 10GBase-LR/SR Module in the 10G XFP slot

Transmission distance: 300m~10km

SPECIFICATION

Product	10GBase-LR/SR Module
Model	MTB-Series 10GBase-LR/SR Module
MTB-LR	
PHY Type	IEEE 802.3ae 10 Gigabit Ethernet Standard
Fiber Type	Single-Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	10km
MTB-SR	
PHY Type	IEEE 802.3ae 10 Gigabit Ethernet Standard
Fiber Type	Multi-Mode
Connector	LC
Wavelength	850nm
Maximum Distance	300m
MTB-XLR	
PHY Type	IEEE 802.3ae 10 Gigabit Ethernet Standard
Fiber Type	Single-Mode
Connector	LC
Wavelength	1310nm
Maximum Distance	10km
MTB-XSR	
PHY Type	IEEE 802.3ae 10 Gigabit Ethernet Standard
Fiber Type	Multi-Mode
Connector	LC
Wavelength	850nm
Maximum Distance	300m

ORDERING INFORMATION

MTB-LR	1-Port 10GBase-LR SFP+ Fiber optical module-10km
MTB-SR	1-Port 10GBase-SR SFP+ Fiber optical module -300m
MTB-XLR	1-Port 10GBase-LR XFP Fiber optical module-10km
MTB-XSR	1-Port 10GBase-SR XFP Fiber optical module-300m

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