

Gigabit SFP Media Converter



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Model:BD-1000M-SSFP

Functions:

BD-1000M-SSFP can interconvert the electric signal of 10M/100M/1000M twisted pair and the optical signal of 1000Base-FX/LX. It extends the network transmission range from 100m to 80Km (single mode optical fiber).



Features

- ✧ conforms to IEEE802.3u (10Base-T,100Base-TX),IEEE802.3ab,(1000Base-T), IEEE802.3z(1000Base-FX), international standard;
- ✧ brings 1M buffer, supports 2KMAC address;
- ✧ Modular designing, optical port supporting SFP(Mini GBIC) slot;
- ✧ 10/100/1000Base-T port supporting RJ45,supporting auto-negotiation and auto MID/MIDX;
- ✧ isolates network conflict and broadcasting package effectively, has the function of preventing broadcasting storm;
- ✧ supports 802.1Q and 16 groups of VLAN;
- ✧ multi- mode connection: transmitting range can reach 550 meters as farthest;
- ✧ single-mode connection: transmitting range can reach 80 kilometers.
- ✧ Support the transmission of extra-long VLAN packets
- ✧ Support Quality of Service(QoS)
- ✧ Support STP

1000Base-SX/LX Optical interface:

- ✧ Optical connector: LC or SC(wdm)
- ✧ International standard:
IEEE802.3z, 1000Base-SX/LX
- ✧ Transmission distance:
- ✧ multi-mode fiber, can reach 550 meters
- ✧ single-mode fiber, can reach 10-80Km

10/100/1000Base-TX Interface:

- ✧ Interface:10/100/1000Base-T, RJ45
- ✧ International standard:
IEEE802.3u, 10/100Base-TX
IEEE802.3ab 1000Base-T;
- ✧ 10/100/1000M auto-negotiation;
- ✧ supporting auto-MDI/MDIX