

OP-M74005 1310/OP-M74005 1550

Single Fiber Media Converter



Overview:

Bi-directional Fast Ethernet Converters converts 100Base-TX to 100Base-FX converter. Converter is used to convert optical Ethernet signal to electrical Ethernet signal that allows two type, segments connect easily, efficiently and inexpensively. By deploying WDM technology (Wavelength Division Multiplexer), only single fiber is needed to transmit and receive optical Ethernet packets.

The WDM technology employs passive optic multiplexing, thus multiplex the transmit (TX) and receive (RX) lines onto a single fiber. A pair of distinct wavelength, 1310nm and 1550nm, should be installed at both ends of the single fiber cable.

Features:

- Works on WDM technology.
- Supporting half/full duplex mode communication with auto-negotiation function.
- Supporting VLAN data pockets transportation, matching with the switch, which supports IEEE802.1Q protocol.
- Supporting remote LINK-LOSS function, REMOTE PAUSE function guarantees the integrity of data packets' transportation.
- Auto Negotiation of 10Mbps & 100Mbps environment, helps the Up-grade of network.
- Internal AC220 & DC-48 power supply or external 5V power supply.
- Available for 20Km, 40Km, 60Km and 100Km.

Specification:

Model No.	OP-M74005 1310/OP-M74005 1550
Standards	IEEE802.3 IEEE802.3U IEEE802.1d IEEE802.1Q (10/100M) IEEE802.3U IEEE802.1d (100M)
Media Supports	10Base-T EIA/TIA 568 Cat3,4,5,5e or 6 UTP/STP 100Base-T EIA/TIA 568 Cat3,4,5,5e or 6 UTP/STP 100Base-FX Single mode
Wavelength	1310nm/1550nm
Power	External Power 5V Dc/1A Internal 220V, 1A
Environment	0- 50 deg C
LED Indicator	Power Link/ACT, Speed and FDX/Col Link/ACT & FDX
Dimension	102mm x 74mm x 22mm(External Power supply)
Weight	0.230 kg
Certificates	CE & FCC-Class A