Mini Fiber Mode

Converter via SFP

User's Manual

Brief introduction

Thanks for purchasing the mini fiber mode converter via SFP! This product offers protocol transparent connectivity between different wavelengths or fiber modes for speed from 10Mbps to 2500Mbps (depending on transceiver modules type). Protocol independence allows for use in broad range of applications including Fast Ethernet, Gigabit Ethernet, OC-3, OC-12,OC-48 and Fibre Channel.

Packing list

Please check the following items in the package before installing the media converter.

Mini fiber mode converter	1set
AC/DC Power adaptor	1pc
User's manual	1copy

Please contact the dealer immediately for any loss or damage to the above items.

Installation

1. Interface

Fiber interface

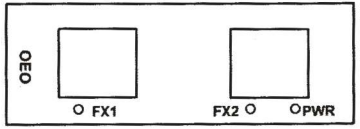
LC/SC fiber interface is of duplex mode type, including two interfaces, namely TX and RX. When the two sets of optical transceiver are interfaced or connected to switch with fiber interface, the fiber is in cross connection, namely "TX-RX", "RX-TX" (direct butting for single optical fiber transceiver module).

Power supply interface

The AC/DC power adaptor is connected to DC-input jack of media converter.

2. Connection

The multi/single mode optical fiber is connected to LC/SC fiber interface of the optical transceiver module. Then connect the AC power adaptor, the media converter will work. The corresponding LED is on for correct connection (See the table below for the LED indicator lamp) .



Description for LED indicator lamp

LED indicator lamps serve as device monitoring and trouble display. The following is the description for each LED indicator lamp.

FX1	ON: FX1 Signal detect (RX)
FX2	ON: FX2 Signal detect (RX)
PWR	ON: the power is ok

Technical parameters:

1. Protocol transparent connectivity
2. Supports data rate from 10Mbps to 2500Mbps
3. Connector: two LC/SC connectors, one DC-inlet connector
4. Power supply parameter: DC 5-12V
5. Environmental temperature: 0℃-40 ℃
6. Relative humidity: 5%-90%
7. Optical fiber:
   multi-mode:
   50/125, 62.5/125 or 100/140 μm
   single mode:
   8.3/125, 8.7/125, 9/125 or 10/125 μm
8 Dimensions:
   90mm (L) x 60mm (W) x 20mm (H)
   (Do not include transceiver length)

Cautions:

1. This product is suitable for indoor application.
2. Put on the dust cover of fiber interface when not used.
3. It is forbidden to stare at the TX fiber-transfer end with naked eyes.
4. Single optical fiber transceiver must be used in pair.

Trouble shooting:

1. Device is not matched. Please select the corresponding network device according to the transfer rate of the product when connected to other network devices.
2. Line loss is excessive during the fiber wiring. Excessive loss in connector plug-in and fiber soldering welding, and excessive intermediate nodes may cause excessive loss rate or abnormal operation.