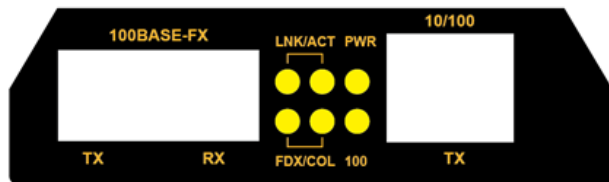


Physical Description



10/100BASE-TX to 100BASE-FX Media Converter
10/100BASE-TX to 100BASE-BX WDM Media Converter

NOTE: Chassis is ordered separately.

Applicable models:

065-1100	065-1174
065-1100LFS	065-1174LFS
065-1110	065-1176ALFS
065-1110LFS	065-1176ALFSMM
065-1120	065-1176BLFS
065-1120ED	065-1176BLFSMM

Assembly and Setup

Unpacking: Open the carton and unpack the items. Your package should include an Ethernet Media Converter and this Quick Install Guide. If items are missing or damaged, notify your sales representative.

Place the equipment where it will not be subjected to extreme temperatures, humidity, or electromagnetic interference. Specifically, the site you select should meet the following requirements:

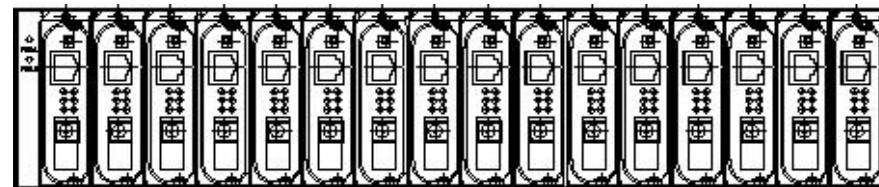
- The ambient temperature should be between 32 and 113 degrees Fahrenheit (0 to 45 degrees Celsius).
- The relative humidity should be less than 95 percent, non-condensing.
- Surrounding electrical devices should not exceed the electromagnetic field (RFC) standards for IEC 801-3, Level 2 (3V/M) field strength.
- Make sure that the equipment receives adequate ventilation. Do not block the ventilation holes on each side of the equipment.
- The power outlet should be within 1.8 meters of the product.

This Converter is a plug-and-play device. Connect the supplied AC to DC power adapter to the receptacle at the back of the converter. Then plug into a standard AC outlet. For LFS models, the device can also be powered via USB.

The media converter can also be installed in a compatible chassis. If installing into a chassis, then no additional power connection is required.

- Unscrew the carrier from the desired expansion slot on the chassis.
- Fit the converter onto the carrier.
- When the converter is completely seated onto the carrier, insert the carrier to the guide rails of the expansion slot.
- Carefully slide in the carrier until it is fully and firmly fit the chassis.
- Fasten the carrier to the chassis with the screws.

NOTE: Never insert any converter into the chassis directly without using the supplied carriers. The carriers allow secure and consistent placement of the converters into the chassis' backplane and prevent damage.



Function Description

One-channel media conversion between:
10/100Base-Tx and 100Base-FX

Fiber media allows either:
Duplex or Simplex Multi-mode fiber or Single-mode fiber

Link-Fault-Pass-Through (LFPT):
LFPT lets network operators be aware of network connection status. If a link fails, the function will notify the connected device and disable the connection

Port Status LEDs

LED	State	Indication
PWR	Steady	Power on
	Off	Power off
100 (Mbps)	Steady	Connection at 100Mbps
	Off	Connection at 10Mbps
LNK/ACT	Steady	Valid network connection established
	Flashing	Transmitting or receiving data
	Off	Neither valid network connection established nor transmitting/receiving data
FDX/COL	Steady	Connection in full-duplex mode
	Flashing	Collision occurred
	Off	Connection in half-duplex mode

The left-side “Link/Act” LED displays the status of the fiber port, and the right-side LED displays the status of the copper port.

DIP Switches

Port, power and LFPT settings are made very simple by means of six DIP (Dual Inline Package) switches on the media converter.



DIP Switch Settings:

DIP Switch	Down	Up
1	Enable LFPT (link-fault-pass-through)	Disable LFPT (link-fault-pass-through)
2	Enable auto negotiation for TX port	Enable forced mode for TX port
3	TX port forced to 100Mbps	TX port forced to 10Mbps
4	TX port forced to full duplex mode	TX port forced to half duplex mode
5	FX port forced to full duplex mode	FX port forced to half duplex mode
6	Store-and-forward mode	Converter mode

The default setting for switches 2-6 is “Down”. Switch 1 default setting is “Up”. LFPT is disabled by default.

Note: Disconnect the converter from the power source before changing any of the DIP switch settings.

Store-and-forward mode: The device begins to forward a frame at the end of receiving a frame completely.

Converter mode: In order for converter mode to work, both TX port and FX port must be set to the same speed. The device will automatically change to store-and-forward mode if it detects the speed is different between TP and FX ports.