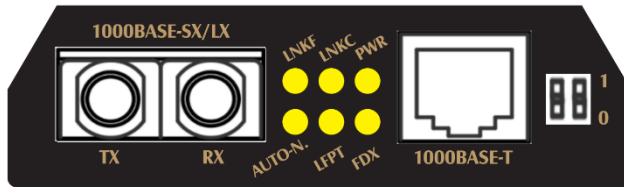


Physical Description



1000Base-T ↔ 1000Base-SX/LX (multi-mode/single-mode) Media Converter with link-fault-pass-through function

NOTE: Chassis is ordered separately.

Applicable models:

- FO-065-1195
- FO-065-1197

Assembly and Setup

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

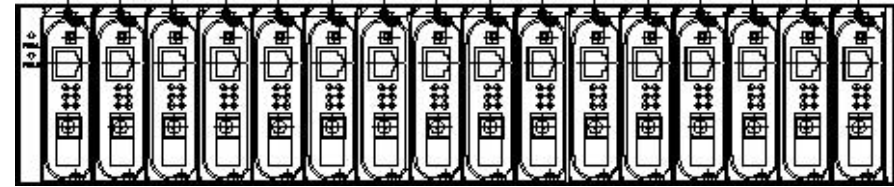
This Converter is a plug-and-play device. Connect the supplied AC to DC power adapter to the receptacle at the back of the converter. Then plug into a standard AC outlet.

- The ambient temperature should be between 32 and 113 degrees Fahrenheit (0 to 45 degrees Celsius).
- The relative humidity should be less than 90 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 of the equipment.

The media converter can also be installed in a compatible chassis.

- 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:

1000Base-T and 1000Base-SX/LX

Fiber media allows either:

Multi-mode fiber or Single-mode fiber

Full wire-speed forwarding rate

Front panel status LEDs

Hot-swappable when used with a chassis

Make sure to make a connection to the TX port before make a connection to the fiber port. A link condition will be sensed on the fiber port whenever the media converter detects a link condition on the TX port.

Port Status LEDs

LEDs	State	Indication
Power	Steady	Power feeding in, PWR stands for power
	Off	No power
LNKC	Steady	TX port: A valid network connection established. LNKC stands for LINK/Copper
	Flashing	Network activity on the port
	Off	No connection
LNKF	Steady	FX port: A valid network connection established. LNKF stands for LINK/Fiber
	Flashing	Network activity on the port
	Off	No connection
AUTO-N	Steady	Auto-Negotiation enabled
	Off	Auto-Negotiation disabled
LFPT	Steady	Link Fault Pass Through enabled
	Off	Link Fault Pass Through disabled
FDX/COL	Steady	Connection in full duplex mode FDX stands for FULL DUPLEX
	Flashing	Collision occurred

DIP Switches

DIP Switch Settings:

DIP Switch	1	0
Left	Enable Auto-Negotiation* (Default Setting)	Enable Force Mode
Right	Enable LFPT	Disable LFPT (Default Setting)

*Auto-Negotiation on fiber port.

Toggle up the pin on the left-hand side to let the fiber port auto detect full and half duplex.

Toggle down the pin on the left-hand side to force the fiber port to full duplex mode.