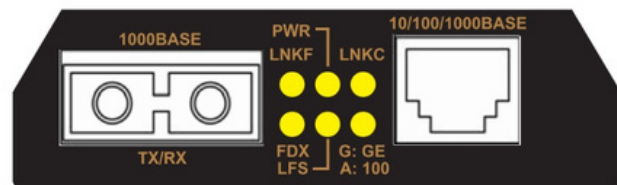


Physical Description



10/100/1000TX to 1000BaseSX or 1000BaseLX Media Converter

NOTE: Chassis is ordered separately.

Applicable models:

1000BaseSX

065-1196A

065-1196AED

1000BaseLX

065-1196ALX

065-1196ALXED

Assembly and Setup

Unpacking: Open the carton and unpack the items. Your package should include a 065-1196A Media Converter and this Quick Install Guide. If items are missing or damaged, notify your sales representative.

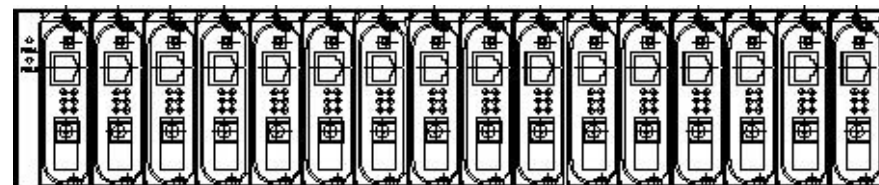
Place the equipment where it will not be subjected to extreme temperatures, humidity, or electromagnetic interference. Specifically, the site you select should meet the following requirements:

- 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 of the equipment.
- The power outlet should be within 1.8 meters of the product.

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

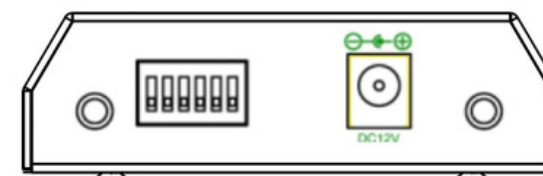
- Unscrew the carrier from the desired expansion slot on the chassis.
- Fit the converter onto the carrier.
- When the converter is completely seated onto the carrier, insert the carrier to the guide rails of the expansion slot.
- Carefully slide in the carrier until it is fully and firmly fit the chassis.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



Connect Power

This Converter is a plug-and-play device. Connect the supplied AC to DC power adaptor to the receptacle on the rear panel of the converter, and then attach the plug into a standard AC outlet.



Ensure to connect the power cord to a socket outlet with earthing connection if supplied by Class I power supply or power source.

Function Description

One-channel media conversion between:

10/100/1000TX to 1000BaseSX or 1000BaseLX

Fiber media:

065-1196A/065-1196AED: Duplex Multimode Fiber
065-1196ALX/065-1196ALXED: Duplex Singlemode Fiber

Link-Fault-Signaling (LFS):

LFS lets network operators be aware of network connection status. If a link fails, the function will disable the other link, therefore notifying the connected device of the link failure.

Store-and-forward mode:

The device begins to forward a frame at the end of receiving a frame completely and only after passing CRC check.

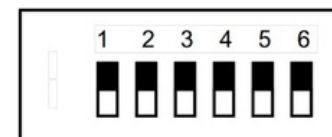
Converter mode:

The device begins to forward a frame as soon as the frame header is received.

Port Status LEDs

LED	State	Indication
PWR	Steady	Power on
	Off	Power off
LFS	Steady	LFS function enabled
	Off	LFS function disabled
LNKC	Steady	Copper Link established
	Flashing	Transmitting or receiving data
	Off	No Copper Link transmitting/receiving data
G:GE A:100	Steady	Green: Copper Connection at 1000Mbps Amber: Copper Connection at 100Mbps
	Off	Copper Connection at 10Mbps
LNKF	Steady	Fiber Link established
	Flashing	Transmitting or receiving data
	Off	No Fiber Link
FDX	Steady	Copper Link at Full-duplex mode
	Off	Copper Link at Half-duplex mode

DIP Switches



There are six pins on the DIP switch for port settings. Refer to the table below.

DIP Switch Settings:

No.	Down	Up
1 2	Disable LFS (Link Fault Signaling)	Enable LFS
3 4	Enable auto negotiation for TX port	TX Port in Force Mode
5 6	TX port forced to full duplex mode	TX port forced to half duplex mode
	TX port forced to 100Mbps	TX port forced to 10Mbps
	Store-and-forward mode	Converter mode
	Function reserved	Function reserved

Default setting of all six DIP switches is “Down”.

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

NOTE: In order for converter mode to work, both TX and FX must be set to the same speed. Otherwise, the device will automatically switch to store-and-forward mode.