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SAN TELEQUIP

Connecting. Converting. Leading!

Fast Ethernet Media Converter with One SFP Slot, Model SC09FE SFP

The 10/100M Fast Ethernet Media Converter series is designed to meet the massive needs for network deployment and able to extend a copper based Fast network via fiber cable to a maximum distance of up to 120km. Our 10/100M Fast Ethernet Media Converter series is fully compliant with IEEE802.3, IEEE802.3U, 10/100Base-TX, 100Base-FX, standard. Operation status can be locally monitored through a set of Diagnostic LED located in the front panel.

Features

Standards   : IEEE802.3, IEEE802.3U, 10/100Base-TX, 100Base-FX

Interface   : 1 X RJ-45 connector 1 X SFP slot

Flow Control : IEEE802.3x flow control for full duplex mode

                    : Back pressure flow control for half duplex

LED   : Power, FXL, FDX, 10/100M, TXL

Installation

Attach fiber cable from the media converter to the fiber network

The fiber connections must be matched with Transmit to Receive sockets

Attach a UTP cable from the 10/100BASE-T network to the RJ-45 port on the media converter

Connect the Power adapter / Apply Power to the media converter. Check the Power LED glows

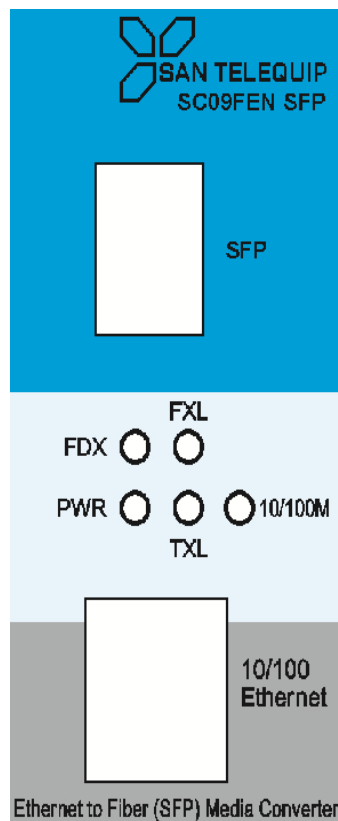The TXL and FXL LEDs will light up when all the cable connections are good

LED's Description

LED indicator Lamp	Status	Explanation
FXL / ACT	ON	Indicates the fiber link is OK
	Blink	Active status display of Copper link. "Blink" indicates packet going through FX end
TXL / ACT	ON	Indicates that Copper link is OK
	Blink	Active Status display of fiber link. "Blink" indicates packet going through TX end.
FDX	ON	Transreceiver in Full duplex mode
	Off	Transreceiver in Half duplex mode
PWR	ON	Power is ON and normal
10/100M	ON	Transfer rate of Copper is 100Mbps
	Off	Transfer rate of Copper is 10Mbps

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Technical Specifications

Protocol Standard : IEEE802.3 10 Base-T, IEEE802.3u, 100Base-TX/FX

Connector   : One RJ45 connector, One SFP slot

Operation mode   : Full duplex mode or Half duplex mode

Power Supply   : 5V DC 1A through External adapter of 220V AC

                   : Internal 230V AC or 24V DC

Power Supply Connecter   : 3 Pin screw type

Mounting   : DIN Rail

Operating Temperature   : 0C to 60°C

Relative Humidity : 5% to 90% rh non condensing

TP cable   : Cat5 UTP cable

Fiber   : 50/125, 62.5/125um Multi-mode fiber

                   : 9/125, 10/125um Single-mode fiber

Dimensions   : 36mm x 145mm x 81mm (Internal Supply)