

FE-SFP-SAC

The FE-SFP-SAC Media Converter is an inexpensive, no-frills way to extend the 10/100 ethernet distance between connections with different speeds, while maintaining the same quality and reliability of the transmission. It features capability to switch between twisted pair and optical fiber across 10/100Base-TX and 100Base-FX.

Depending on the SFP module used in the media converter, it is capable to achieve high-speed long-distance interconnection over fiber. Its high reliability is useful for interconnecting various broadband data networks.



Features

- Provides one 100Mbps Fast Ethernet optical port and one 10/100Mbps adaptive electrical port
- Auto-Negotiation
- Auto MDI/MDIX
- LEDs to allow quick status information

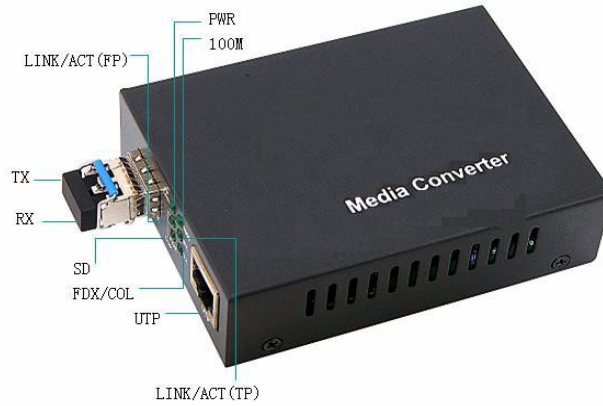
Application

- Connect legacy network equipment
- Connect 10Mbps device to 100Mbps devices
- Connect two half duplex hubs with a full duplex connection over fiber

Technical Parameters

Item	Description
Standard	IEEE Std. 802.3, IEEE 802.3ab
Support	100Base-T: Cat5 UTP/STP. Max 100m
Electrical interface	Interface type: RJ45 Transmission rate: 10/100Base-T auto-negotiation Cable type: UTP-5 or higher; Transmission distance: 100m
Optical port	Interface type: SFP Transmission rate: 100Mbps Fiber type: Multimode: 50/125um; Single mode: 9/125um Transmission distance: 2km~160Km
Operating wavelengths	850nm, 1310nm, 1550nm
Filtering Address	1K MAC Addresses
Dimensions	94mm x 70mm x 26mm (L x W x H)
Weight	0.18kg
Standalone Power Supply Adapter	External AC/DC power supply, Universal AC input Output Voltage: 5V DC @ 1A Power Consumption: 1 Watts maximum
Operating Temperature	0 to 60°C
Operating Humidity	10% to 95% (non-condensing)
Storage Temperature	-40 to 85°C

LED Status



LED	Status	Status	Description
PWR	Power Indicator Light	ON	Power is turned ON
		OFF	Power is turned OFF
Link/ACT (FP)	Fiber Port Link/ Active	ON	Fiber Port is Linked
		OFF	Fiber Port is not Linked
		Blink	Fiber Port is active
SD	Fiber Signal Detection	ON	Fiber Signal is detected
		OFF	Fiber Signal is not detected
FDX/COL	UTP Duplex/ Collision	ON	UTP is full duplex connection
		OFF	UTP is half duplex connection
100M	UTP Speed	ON	100Mbps
		OFF	10Mbps
Link/ACT (TP)	UTP Port Link/ Active	ON	UTP is Linked
		OFF	UTP is not Linked
		Blink	UTP Port is active