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fibresales Fibre Optic 10/100/1000 SFP Media Converter



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fibresales 10/100/1000M adaptive fast Ethernet optical Media Converter is a product used for optical transmission via high-speed Ethernet. It is capable of switching between twisted pair and optical and relaying across 10/100 Base-TX/1000 Base-Fx and 1000Base-FX network segments, meeting long-distance, high-speed and high-broadband fast Ethernet workgroup users' needs, achieving high-speed remote interconnection for up to 100 km's relay-free computer data network. With steady and reliable performance, design in accordance with Ethernet standard and lightning protection,

Applications:

Telecommunications networks, CATV and broadband networks, Data centre interconnects, Industrial fibre installations, railway, Military, Finance and securities, customs, civil aviation, shipping, FTTH (Fibre to the Home) deployments

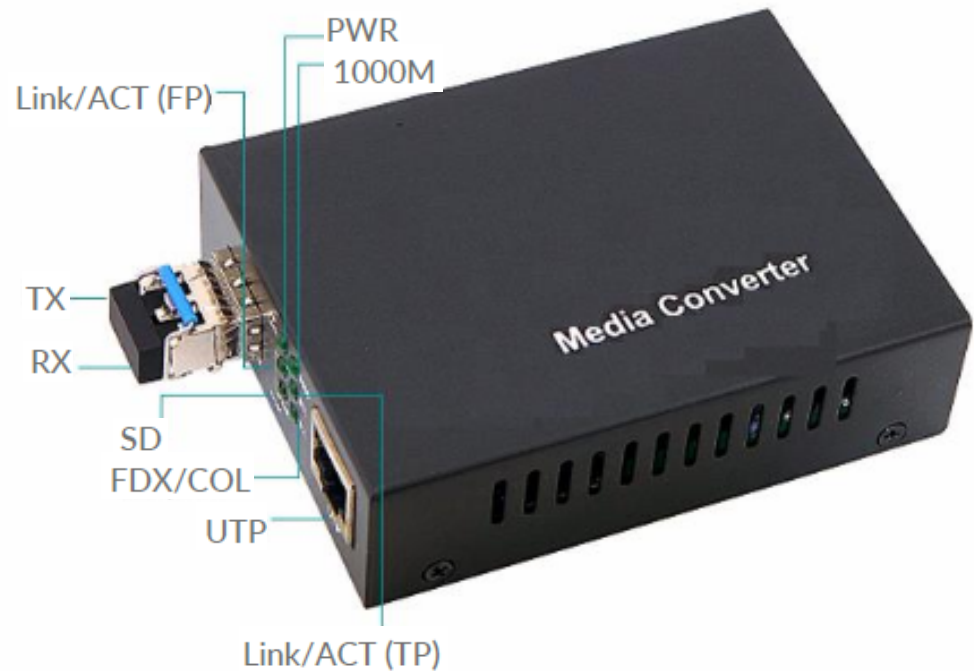
Features and Benefits:

- In accordance with Ethernet standards IEEE802.3, 10/100Base-TX/1000Base-TX and 1000Base-FX
- Supported Ports: LC for optical fiber; RJ45 for twisted pair
- Auto-adaptation rate and full/half-duplex mode supported at twisted pair port
- Auto MDI/MDIX supported without need of cable selection
- Up to 6 LEDs for status indication of optical power port and UTP port
- External and built-in DC power supplies provided
- Up to 1024 MAC addresses supported
- 512 kb data storage integrated, and 802.1X original MAC address authentication supported
- Conflicting frames detection in half-duplex and flow control in full duplex supported.

Specifications

Technical Parameters for 10/100/1000M Adaptive Fast Ethernet Optical Media Converter		
Number of Network Ports	1 channel	
Number of Optical Ports	1 channel	
NIC Transmission Rate	10/100/1000Mbit/s	
NIC Transmission Mode	10/100/1000M adaptive with support for automatic inversion of MDI/MDIX	
Optical Port Transmission Rate	1000Mbit/s	
Operating Voltage	AC 220V or DC +5V	
Overall Power	<3W	

Identification of Front Panel features



PWR - Power Indicator Light - "ON" mean normal operation of DC 5V power supply

1000M - "ON" means the rate of the electric port is 1000Mbps, whilst "OFF" means 100Mbps

Link/ACT (FP) - "ON" means connectivity of the optical Channel "Flash" means data transfer in progress, "OFF" means no-connectivity

TX - Transmitting Terminal

RX - Receiving Terminal

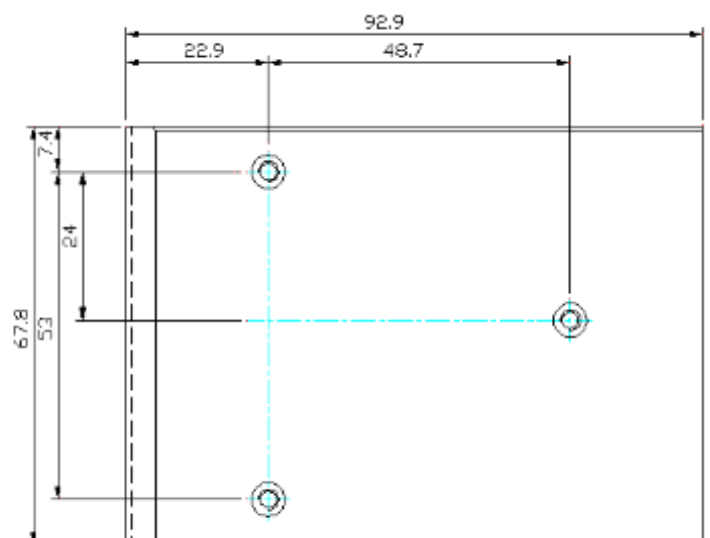
SD - "ON" means input of optical signal. "OFF" means no input.

FDX/COL - "ON" means full-duplex "Off" means half-duplex

UTP - unshielded twisted pair port

Link/ACT (TP) - "ON" means connectivity of the leectrical circuit "Flash" means data transfer in progress, "OFF" means no-connectivity

Mounting Dimension Sketch



Ordering Code:

MC-SFP-GE Gigabit Ethernet SFP Media Converter

email -sales@fibresales.com.au

Phone: (03) 9761 7925