

FibRSol – Fiber Media Converter

Model: FSMC-SFP-M

Highlights:

- ✓ Single Mode
- ✓ Dual Fiber
- ✓ 10/100/1000Base-TX to 1000BaseFX SFP
- ✓ 1310nm
- ✓ SC, 20km
- ✓ External AC 220V



Product Overview:

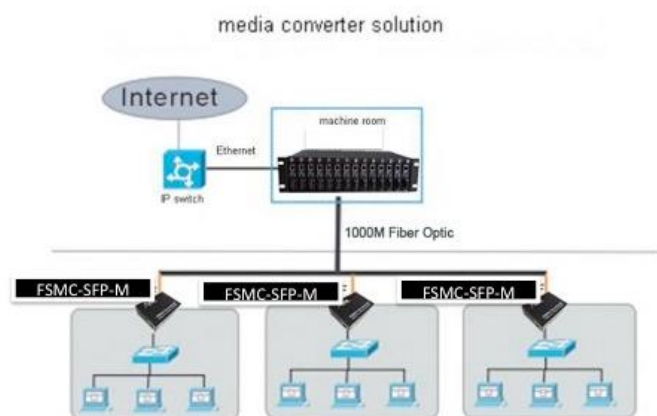
FibRSol FSMC-SFP-M 1000M SFP slot Media Converter is effective solution, while uplink interface upgrade or network re-design. It can implement data transmission between twisted pair electrical signals and optical signals (SFP Module).

Features:

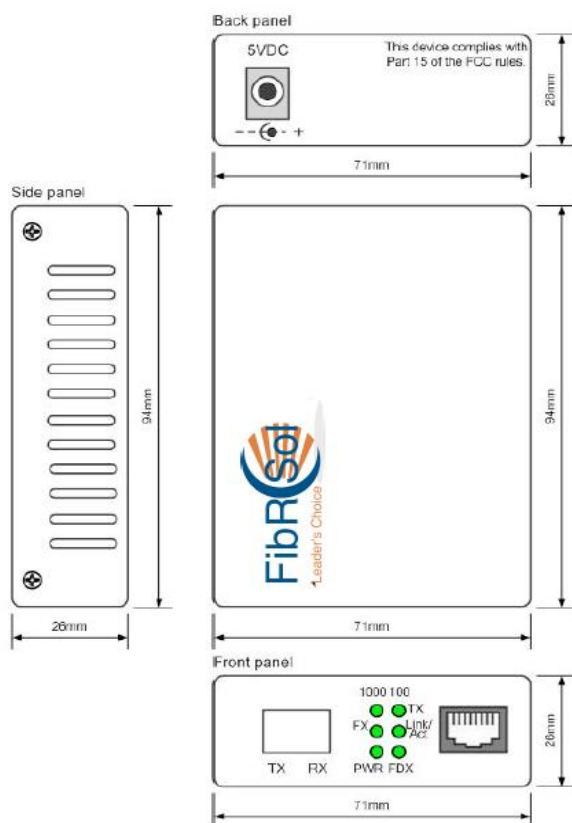
- In conformity to IEEE802.3 10base-T,
- IEEE802.3u 100 base-TX
- IEEE802.3ab 1000Base-TX
- IEEE802.3z 1000Base-FX
- MDI/MDI-X Auto Negotiation Supports
- full/half duplex / Auto-negotiations / easy upgrades
- Supports VLAN / VoIP / QoS
- 10/100/1000Base-T port with RJ-45 connector, one SFP Slot socket.
- Hot Pluggable & Wall-Mountable
- Supporting STP to form a redundant network
- Front panel Diagnostic LED indicators
- In conformity with safety code of FCC, CE and RoHS.

Application:

- 10/100/1000M Ethernet long-distance transmitting network



Mechanical Dimensions:



Software Spec

Access mode: 10/100/1000Mbps Gigabit Ethernet

Standard: IEEE 802.3 10Base-T,
IEEE 802.3u 100Base-TX,
IEEE 802.3ab 1000Base-TX,
IEEE 802.3z 1000Base-FX,
IEEE802.3x Flow control
850nm/1310nm/1550nm

Wavelength:

Transmission distance: Up to SFP module

Port: One RJ45 connector, connected
One SFP Socket

Conversion means: Media conversion

Delay: <10us

BER: <10⁻⁹

MTBF: 100,000 hours

LED: PWR (power supply);
FX LINK/ACT (optical link/action)
FDX (FX full duplex);
TP LINK/ACT (twisted pairs link/action)
TP 1000 (1000M transmission rate of twisted pairs),
TP 100 (100M transmission rate of twisted pairs)

Power: 5V/1A

Power consumption: 5W

Operating temperature: -10~55°C

Operating humidity: 5%~90%

Maintaining temperature: -40~70°C

Maintaining humidity: 5% ~ 90% non-condensing

Dimensions: 94mm * 71mm * 26 mm (external power supply)

Ordering Information:

Model	Description
FSMC-SFP-M	Media converter, 1G SFP Slot, External AC220V Without SFP Module