

10/100/1000 Ethernet to 100/1000 FX Fiber to Ethernet Media Converter, Model SC09FENG I



Model SC09 provides a cost effective plug-and-play solution for long-range Giga Ethernet extensions. It is a perfect choice when planning future upgrades of Ethernet networks. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required.

- ✓ 10Base-T, 100Base-TX, 1000Base-TX, 1000Base-FX
- ✓ MDI/MDI-X, 10M/100M auto negotiation
- ✓ Supports full-duplex / half-duplex, Point-to-point transfer

Ethernet Port

Standard	: IEEE802.3ab, IEEE802.3z, IEEE802.1Q
RJ45 port rate	: 10/100/1000Mbps
Optic port rate	: 1000Mbps or 100/1000FX DIP selectable
Ethernet transmission distance	: 100m
Fiber transmission	: 5 to 100Km (Single-mode), 550m, 2Km (Multi-mode)
RJ45 port connector	: RJ45
Optic port connector	: SC or FC

Fiber Port

Single-mode	: 8.3/125, 8.7/125, 9/125 or 10/125μm
Multi-mode	: 50/125, 62.5/125μm
Wavelength nm	: MM : 1310, SM : 1310 for 20km 1550 for 40Km, upto 100Km
Tx Power	: - 7 to -12dBm @ 1310nm
Rx Sensitivity	: ≥ -38dBm @ 1310nm

Note : The effective distance in the higher range e.g. 100Km can be 85 to 90 Km

Indications

6 Led's Power, Fiber Link, Ethernet Link, Full Duplex/Half Duplex, Ethernet & Fiber Speed

Power Supply

Internal	: 230VAC. Range 110 to 265 VAC, 3 pin screw type terminal : 24, 48, 110, 220V DC, Range +/- 10% : 3 pin screw type terminal
Power Consumption	: < 4W

Mechanicals

Dimension H×W×D	: 115*34*97mm (H×W×D) without DIN Clamp & Connectors
Mounting / Enclosure	: DIN Rail
Weight	: 260g

Environment

Operating temperature	: -10°C to 70°C
Storage temperature	: -20°C to 70°C
Relative humidity	: 5% to 95% Non Condensing

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Ordering Code : SC09FENG-M/SXXX SC Y ZZZ I G3

Base Model : SC09FENG
M/SXXX : M : Multimode, S : Single Mode, XXX = 5, 20, 40, 80, 100Kms (For Single mode)
SC : SC : SC Connector
Y : A-AC, D-DC
ZZZ : ZZZ-230 for AC, 24, 48, 110, 220 for DC
I : Internal Supply. No Adapter
G3 : With G3 Conformal Coating