

10/100 Ethernet to Fiber Media Converter with SFP Port, Model SC09FENS I



Model SC09FE provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX Ethernet extensions. It has an added benefit of 10/100 auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T networks. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required. SC09FEN-SFP Optical Media Converter has the flexible 100X SFP slot design making it easy for users to use different SFP modules according to their needs.

- IEEE802.3, IEEE802.3u 10Base-T, 100Base-TX, 100Base-FX
- MDI/MDI-X, 10M/100M auto negotiation
- Supports full-duplex / half-duplex, Point-to-point transfer

Communication

Standard	: IEEE802.3 10 Base-T, 100Base-T, 100Base-F
RJ45 port rate	: 10/100Mbps auto negotiation
Optic port rate	: 100Mbps
RJ45 port connector	: RJ45
Optic port connector	: 100X SFP slot
Ethernet transmission distance	: 100m
Fiber transmission	: 20 to 120Km (single-mode), 2Km (multi-mode) depending on SFP

Fiber cable

Single-mode	: 8.3/125, 8.7/125, 9/125 or 10/125 μ m
Multi-mode	: 50/125, 62.5/125 μ m
Wavelength	: 1310nm (2Km, 20km, 25Km, 40Km), 1550nm (40 to 100Km)
Tx Power	: Depending on SFP
Rx Sensitivity	: Depending on SFP

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

Environment

Operating temperature	: -10°C to 65°C
Storage temperature	: -20°C to 70°C
Relative humidity	: 5% to 95% Non Condensing

Mechanicals

Dimension H×W×D	: 78mm*34mm*142mm
Mounting / Enclosure	: DIN rail
Weight	: 260g

Product Ordering Code : SC09FENS Y ZZZ I

SC09FENS	: Base Model for Ethernet to Fiber Media Converter
S	: SFP Port
Y	: A : AC, D : DC
ZZZ	: ZZZ-230 for AC, 24, 48, 110, 220 for DC
I	: Internal Supply. No External adapter

Note : 100X SFP needs to be ordered separately according to it part number