

10/100/1000 Ethernet to Giga Fiber to Ethernet Media Converter, Model SC09FENGSI



Model SC09FE provides a cost effective plug-and-play solution for long-range Giga Ethernet extensions. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required.

SC09FENGSI Media Converter has the flexible SFP slot design making it easy for users to use different SFP modules according to their needs.

- 1 of 10/100/1000BaseT Ethernet Port, 1 of 1000FX SFP port
- 10Base-T, 100Base-TX, 1000Base-TX, 1000Base-FX
- MDI/MDI-X, 10M/100M auto negotiation
- Supports full-duplex / half-duplex, Point-to-point transfer

Communication

Standard	: IEEE802.3/802.3u/802.3z, IEEE802.3ab
Communication Mode	: IEEE802.1Q, Store and Forward
Flow Control	: IEEE802.3x, Back Pressure Flow Control

Interface

RJ45 port rate	: 10/100/1000Mbps
Optic port rate	: 1000Mbps

Transmission Distance

Ethernet transmission distance	: 100m (Standard CAT5/CAT5e cable)
Fiber transmission	: Depends on SFP, Upto 100Km

Connectors

RJ45 port connector	: RJ45
Optic port connector	: SFP

Throughput:

100M forward speed	: 148810 pps
1000M forward speed	: 1488100 pps

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 nm	: MM : 1310, SM : 1310 for 20km 1550 for 40Km onwards
Tx Power	: Depending on SFP
Rx Sensitivity	: Depending on SFP

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

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Mechanicals

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

Environment

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

Product Ordering Code : SC09FENG S Y ZZZ-I

SC09FENG S : Base Model for Giga Ethernet 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 Adapter

Note : Pls order SFP separately