

10/100/1000 Ethernet to Giga SFP Media Converter, Model SC09FENG S I



Model SC09FENG S 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.

SC09FENG S 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 1000X SFP port
- 10Base-T, 100Base-TX, 1000Base-TX, 1000Base-X
- MDI/MDI-X, 10M/100/1000M 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 10/125µm
 Multi-mode : 50/125, 62.5/125µm
 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 in mm : 117*35*98 H×W×D
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 : Base Model for Giga Ethernet Media Converter
S : SFP Port
Y : Input Supply. 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