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Connecting. Converting. Leading!

10/100 Ethernet to Fiber Media Converter, Model SC09FED A N



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

- MDI/MDI-X, 10M/100M auto negotiation
- LFPT : Link Fault Pass Through

Communication

Standard	: IEEE802.3/3u 10 Base-T, 100Base-T, 100Base-FX
RJ45 port rate	: 10/100Mbps auto negotiation
Optic port rate	: 100Mbps
Ethernet transmission distance	: 100m
Data Throughput Rate	: 10Mbps :14,880pps, 100Mbps:148,800pps
Flow Control	: IEEE802.3X Flow control for full-duplex model Back-pressure flow control for half-duplex model
Fiber transmission	: 20Km by default. Upto 100Km (single-mode), 2Km (multi-mode)
RJ45 port connector	: RJ45
Optic port connector	: SC, ST or FC

Optic port cable

Single-mode	: 8.3/125, 8.7/125, 9/125 or 10/125μm
Multi-mode	: 50/125, 62.5/125μm
Wavelength	: 1310nm (2Km, 20km, 25Km, 40Km), 1550nm (40 to 100Km)
Tx Power	: -7 to -12 dBm @ 1310nm
Rx Sensitivity	: ≥ -35 dBm @ 1310nm

Environment

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

Power supply

External Adapter	: 230V AC
Power Consumption	: < 2.5W

Mechanicals

Dimension H×W×D	: 26mm×70mm×93mm without mounting plate
Mounting / Enclosure	: Table Top
Weight	: 230g

Product Ordering Code SC09FED - M/SXXX ST/SC A N

SC09FED	: Base Model for Ethernet to Fiber Media Converter
M/SXXX	: Multimode / Single Mode XXX = 20, 40, 80, 100Kms
ST/SC	: ST/SC Connector
A	: AC External Adapter
N	: Fixed