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Connecting. Converting. Leading !

10G Ethernet to Fiber Media Converter, Model SC09FE 10G S+



SC09FE 10G S+ is a 10G Media Converter provide 10G / 5G / 2.5G / 1G / 100Base-T Auto-Negotiation port and one 10G BASE-X SFP+ Slot. It transparently connects 10G Ethernet links over Multi-mode or Single- mode fiber, including CWDM/DWDM wavelength.

The SFP slot on the SC09FE 10G S+ Media Converter allows for flexible network configurations to meet any requirement using a variety of MSA compliant SFP, provide by AOA, Cisco, or other manufacturers, the extended distance reach 80km.

SC09FE 10G S+ 10G Media Converter is designed for high bandwidth network needs in Campus networks, Data centre, Cloud computing, Enterprise backbones and Carrier infrastructure

Features

- ✓ 10GBASE-X SFP+ MSA compliant
- ✓ 10G/5G/2.5G/1G/100Base-T RJ45 interface with MDI/MDI-X function
- ✓ 100M half/full duplex and 1/2.5/5/10G full duplex mode
- ✓ 16K Jumbo frame
- ✓ 2KV Surge protection on copper and 4KV surge protection on DC power input
- ✓ 5 to 12VDC working voltage
- ✓ Auto-media detect for copper or fiber media plug-and-play
- ✓ Desktop, Wall-mounted, 2U 19" 14-slot rack-mounted installation
- ✓ Extremely low power consumption, fan-less and stable performance

Application

- ✓ Enterprise Switches with 2.5G/5G/10G capabilities
- ✓ Data Center 10GBASE-T Switches and Servers
- ✓ ISP Backhaul Networking, 802.11ac Access Point backhaul

Specifications

Standards	IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3bz 2.5G/5GBase-T IEEE802.2an 10GBase-T IEEE802.3ae 10Gpbs Ethernet IEEE802.3x Flow control
Performance	Processing Type : Store and Forward Back Bandwidth : 20Gbps Time Delay : <5us Jumbo Frame : 16Kbytes
Copper Port	Data Rate : 10G/5G/2.5G/1G/100/10Base-T Auto-negotiation Connector : RJ45, Auto MDI/MDI-X Distance : 100m
Fiber Port	Data Rate : 10G Connector : SFP+ Slot MSA compliant

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LED indicators	PWR, 10G Speed, Fiber link, Fiber link Act, Copper Link, Copper Link Act
Electrical	Power requirements : 5-12VDC, 2A Max. Power consumption : <4W, full-loaded Connector : DC socket
EMC Protection	Power port : IEC 61000-4-5 Level 4, 4KV Copper port : IEC 61000-4-5 Level 3, 2KV ESD : IEC 61000-4-2 Level 4 8KV/15KV
Environment	Operating temperature : -10~55°C Storage Temperature : -40~85°C Relative Humidity : 5-95% (no condensation)
Physical Characteristics	Dimension : 94*71*26mm Installation : Desk-top, wall mounting, Chassis Weight : 450g

Order Information : SC09FE 10G S+ A A

SC09FE : Ethernet to Fiber Media Converter
10G : 1G/10G Ethernet port
S+ : 10G SFP
A : AC Adapter
A : Fixed