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Connecting. Converting. Leading !

### 16 slot Media Converter Rack, Model SC09FERG



SC09FERG series finds application in long distance transmission of Ethernet networks.

It is a kind of cost-effective media converter rack (2U) widely used in the equipment room. Different types of media converter can be inserted into this rack, with total slots up to 16. It can have two Power supplies supporting Auto switchover in case of failure, ensuring uninterrupted operation of the system. You can choose between AC 220V / DC 48V power supplies.

### Technical Specifications

#### Rack

Number of slots	: 16
Structure	: 2U rack
Power Input AC Voltage	: AC 100~265V; frequency: 50/60 Hz or : DC voltage: DC -36~72V
Power Output	: DC5V, 16A
Ripple	: ≤20mv
Power configuration	: Single or Dual power supply for Hot backup mode
LED indication	: POWER (power supply)
Max power consumption	: 45W
Operating temperature	: -10 to 55°C
Operating humidity	: 5% to 90% non-condensing
Storage temperature	: -40 to 70°C
Dimension	: 90mm (H) * 428mm (W) * 245mm (D) Single Supply : 90mm (H) * 423mm (W) * 286mm (D) Dual Supply

### Specifications of Giga Ethernet PCB inside the Rack Slots

#### Ethernet Port

Standard	: IEEE802.3ab, IEEE802.3Z, IEEE802.1Q
RJ45 port rate	: 10/100/1000 Mbps Auto negotiation
Optic port rate	: 1000Mbps
Ethernet transmission distance	: 100m
RJ45 port connector	: RJ45

#### Fiber Port

Fiber transmission	: 20 to 120Km (single-mode), 550m (multi-mode)
Optic port connector	: SC, ST or FC
Single-mode	: 8.3/125, 8.7/125, 9/125 or 10/125µm
Multi-mode	: 50/125, 62.5/125µm
Wavelength	: 1310nm (550m, 2Km, 20km, 25Km, 40Km), 1550nm (120Km)
Tx Power	: - 7 to -12dBm @ 1310nm
Rx Sensitivity	: - 38dBm @ 1310nm

<b>MODEL CODE</b> : Rack	: SC09FERG A/D S/D
	: SC09FERG : Basic Model Code
	: A/D : AC or DC Input
	: S/D : Single or Dual Supply

<b>MODEL CODE</b> : Cards	: Card S/M 00
	: Card : Basic Model Code
	: S/M : Single Mode / Multimode
	: 00 : Distance in Km