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Media Converter PCB for 16 Channel Media Converter Rack, Model SC09FER PCB



SC09FER PCB series finds application in long distance transmission of Ethernet networks.

SC09FER PCB cards are Fast Ethernet Media converter PCB's that slide inside the (2U) Media converter Racks. The Racks are widely used in the equipment rooms. Different types of media converter PCB's can be inserted into this rack, with total slots up to 16.

Each media card is hot swappable. LFPT support is optional

Technical Specifications

Ethernet Port

Standard : IEEE802.3 10 Base-T, 100Base-T, 100Base-F
RJ45 port rate : 10/100Mbps Auto negotiation
Optic port rate : 100Mbps
Ethernet transmission distance : 100m
Fiber transmission : 20 to 120Km (single-mode), 2Km (multi-mode)
RJ45 port connector : RJ45
Optic port connector : SC, ST

Fiber Port

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 : 1310nm (2Km, 20km, 25Km, 40Km), 1550nm (120Km)
Tx Power : - 7 to -12dBm @ 1310nm
Rx Sensitivity : - 38dBm @ 1310nm

MODEL ORDERING CODE : SC09FER PCB M/SXXX SC/ST L N

SC09FER : Fixed Basic Model Code
PCB : Media Converter PCB to go inside the Rack
S/M : Single Mode / Multimode
XXX : Distance in Km. 20Km default for Singlemode
SC/ST : SC : SC Connector, ST : ST Connector
L : LFPT feature.
 : This feature is Not Present as Default
 : If LFPT enabled, Redundant Power Supply with Only Single Power Input in the Rack is available
N : Fixed