

M727xSB 10/100Base-TX to 100Base-FX Media Converter

Product Features

- 10/100Mbps Copper to 100Mbps Fiber
- Full wire speed conversion
- Auto-negotiation, auto MDI/MDI-X detection
- Store and Forward
- Link fault pass through function
- 1M RAM data buffer
- Watch-Dog timer
- Far End Fault function
- Stand-alone or chassis installation In MCC-14R
- Optional DIN rail mounting
- Low power consumption



Technical Specifications

Standards:	IEEE 802.3, 802.3u
Copper Port (TP):	Shielded RJ-45 jack Cat5 UTP cable up to 100m Auto-negotiation for speed and duplex Forced mode with speed and duplex settings Speed for 10Mbps or 100Mbps, Full-duplex or Half-duplex support
Fiber Port (FX):	Forced 100Mbps, Full-duplex (factory default) Far end fault detection MMF: 50/125 or 62.5/125, SMF: 9/125
LEDs:	Unit: Power Status Copper Port: Link/Activity/Speed/Duplex status Fiber Port: Link/Activity status, Fiber signal detected
DIP Switches:	Copper Port: Mode, Duplex, Speed, Link fault pass through, Auto status report
Packet Size:	Up to 1600 bytes for store-and-forward mode No packet size limit for smart-forward mode (100-to-100)
Environment:	Operating Temperature: -10° C ~ 55° C Storage Temperature: -40° C ~ 70° C Humidity: 5% ~ 90% non-condensing
Dimensions:	3.70 x 2.79 x 1.02 inches (94 x 71 x 26 mm)
Power:	+5 ~12VDC, 1A
Power Consumption:	<5W

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Model	Connector	Fiber Cable	Wavelength	TX Power	RX Sensitivity	Distance
M7273SB	ST	Multi-Mode	1310nm	-14 ~ -9dBm	-34dBm	2 km
M7274SB	SC	Multi-Mode	1310nm	-14 ~ -9dBm	-34dBm	2 km
M7275S-2B	SC	Single-Mode	1310nm	-13 ~ -4dBm	-33dBm	20 km



Front View



Side View



Optional MCC-14R 14-Slot Chassis with Redundant Power