

# M7275S-xSFxA Single-Fiber 10/100Base-TX to 100Base-FX Media Converter

## Product Features

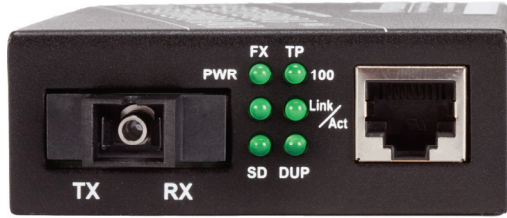
- 10/100Mbps Copper to 100Mbps Fiber
- Full wire speed conversion
- Auto-negotiation, auto MDI/MDI-X detection
- Link fault pass through function
- 128Kb RAM data buffer
- Watch-Dog timer
- Far End Fault function
- Stand-alone or chassis installation In MCC-14R
- Optional DIN rail mounting
- USB power port
- Low power consumption



## Technical Specifications

<b>Standards:</b>	IEEE 802.3, 802.3u
<b>Copper Port (TP):</b>	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
<b>Fiber Port (FX):</b>	Forced 100Mbps, Full-duplex (factory default) Far end fault detection SMF: 9/125, SC Connector
<b>LEDs:</b>	Unit: Power Status Copper Port: Link/Activity/Speed/Duplex status Fiber Port: Link/Activity status, Fiber signal detected
<b>DIP Switches:</b>	Copper Port: Mode, Duplex, Speed, Link fault pass through, Auto status report
<b>Packet Size:</b>	Up to 1600 bytes for store-and-forward mode No packet size limit for smart-forward mode (100-to-100)
<b>Environment:</b>	Operating Temperature: -5° C ~ 60° C Storage Temperature: -20° C ~ 70° C Humidity: 5% ~ 90% non-condensing
<b>Dimensions:</b>	3.70 x 2.79 x 1.02 inches (94 x 71 x 26 mm)
<b>Power:</b>	+5VDC

**M7275S-xSFxA** Single-Fiber  
10/100Base-TX to 100Base-FX Media Converter



Front View



Rear View

Model	Wavelength	Media	Distance	Connector	TX Power	RX Sensitivity
M7275S-2SFAA	TX: 1310nm RX: 1550nm	SMF	20km	SC	-12 ~ -3dBm	-35dBm
M7275S-2SFBA	TX: 1550nm RX: 1310nm	SMF	20km	SC	-12 ~ -3dBm	-35dBm
M7275S-4SFAA	TX: 1310nm RX: 1550nm	SMF	40km	SC	-5 ~ 0dBm	-36dBm
M7275S-4SFBA	TX: 1550nm RX: 1310nm	SMF	40km	SC	-5 ~ 0dBm	-36dBm
M7275S-8SFAA	TX: 1310nm RX: 1550nm	SMF	80km	SC	-3 ~ +3dBm	-36dBm
M7275S-8SFBA	TX: 1550nm RX: 1310nm	SMF	80km	SC	-3 ~ +3dBm	-36dBm



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