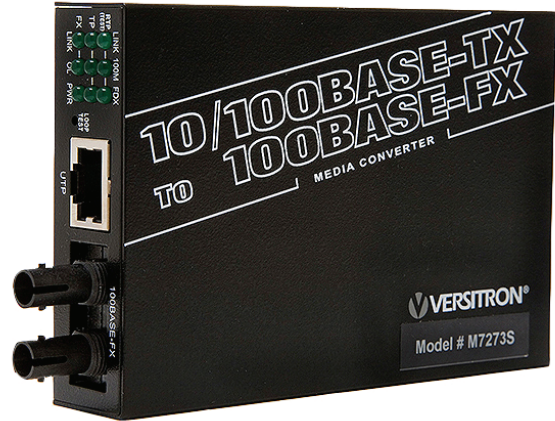


# M727xS 10/100Base-TX to 100Base-FX Media Converter

## Product Features

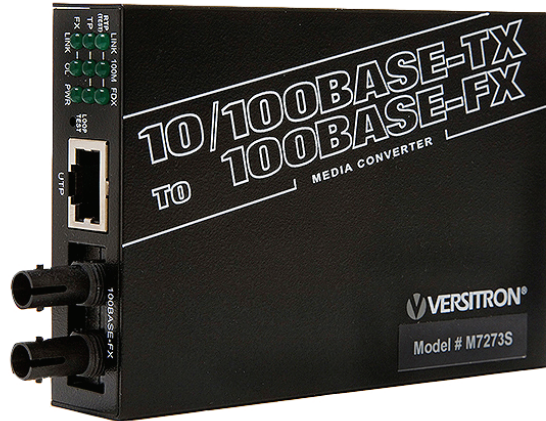
- 10/100Mbps Copper to 100Mbps Fiber
- Full wire speed conversion
- Auto-negotiation, auto MDI/MDI-X detection
- Link fault pass through function
- Transparent to 802.1Q VLAN tagged packets
- Far End Fault function on Fiber port
- Provides remote Copper port status
- Loop Back Test Function
- Stand-alone or chassis installation
- Optional DIN rail mounting
- Low power consumption
- Wide range of fiber options



## 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 MMF: 50/125 or 62.5/125, SMF: 9/125
<b>LEDs:</b>	Unit: Power Status Copper Port: Link/Activity/Speed/Duplex status Fiber Port: Link/Activity status, Fiber signal detected Remote Copper Port: Link/Speed/Duplex status
<b>DIP Switches:</b>	Copper Port: Mode, Duplex, Speed, Link fault pass through, Auto status report
<b>Packet Size:</b>	Up to 1522 bytes for store-and-forward mode No packet size limit for smart-forward mode (100-to-100)
<b>Environment:</b>	Operating Temperature: -5° C ~ 50° C Storage Temperature: -20° C ~ 60° C Humidity: 5% ~ 95% non-condensing
<b>Dimensions:</b>	4.25 x 2.85 x 0.90 inches (108 x 72.5 x 23 mm), Weight: 7.5 ounces
<b>Power:</b>	+5 ~ +12VDC (+/-5%), Consumption: 2 Watts max.

**M727xS 10/100Base-TX to 100Base-FX  
Media Converter**



Model	Connector	Fiber Cable	Wavelength	TX Power	RX Sensitivity	Distance
M7273S	ST	Multi-Mode	1310nm	-19 ~ -14dBm	-31dBm	2 km
M7274S	SC	Multi-Mode	1310nm	-19 ~ -14dBm	-31dBm	2 km
M7275S-2	SC	Single-Mode	1310nm	-15 ~ -8dBm	-30dBm	20 km
M7275S-5	SC	Single-Mode	1310nm	-5 ~ -0dBm	-35dBm	50 km
M7275S-9	SC	Single-Mode	1310nm	0 ~ +5dBm	-37dBm	90 km

**Optional DIN Rail Mounting Kit  
Model DRB**



**Optional MCC-16 Series Chassis**

