

## M727xSP PoE-PD Enabled 10/100Base-TX to 100Base-FX Media Converter

### Product Features

- Full wire speed performance
- Comprehensive configuration options
- Best conversion latency
- Remote Loop Back test
- Remote copper port link monitoring
- Powered by PoE via Cat5, USB cable, or AC adapter
- Options for Bi-Directional communication
- Options for CWDM
- Optional DIN Rail mounting
- Smart forwarding for minimum latency
- Link fault pass through
- Transparent conversion for 802.1Q tagged packets



### Technical Specifications

<b>Standards:</b>	IEEE 802.3, 802.3u, 802.3AF PD (Powered Device)
<b>Copper Port (TP):</b>	Shielded RJ-45 jack Auto MDI/MDI-X crossover function Auto-negotiation function for speed and duplex mode Full-duplex and half duplex support Cat. 5 UTP cable up to 100m
<b>Fiber Port (FX):</b>	Multi-Mode 50/125 or 62.5/125, Single-Mode 9/125 Fiber 100Mbps, Full duplex and half-duplex support Far End Fault Indication support
<b>LEDs:</b>	Power Status TP Port: Link, Activity, Speed, Duplex Status FX Port: Link, Activity, Optical Link Status
<b>Configuration Switches:</b>	TP Mode, TP Duplex, TP Speed, Link Fault Pass Through, Auto Status Report
<b>Packet Size:</b>	Up to 1522 bytes for store and forward No packet size limit for smart-forward mode (100-to-100)
<b>Power Input:</b>	PoE: via Cat5 on RJ-45 from PSE device DC Jack: via external AC power adapter USB: via proprietary USB cable
<b>PoE:</b>	Input Voltage: 36-57 VDC via Cat5 Power Classification: Class 1 Power Reception: via TP RJ-45 Pin 1,2,3,6 or Pin 4,5,7,8

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## Technical Specifications Cont.

<b>Environment:</b>	Operating Temperature: -5° C ~ 50° C Storage Temperature: -20° C ~ 80° 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)
<b>Operating Voltage:</b>	+7 - +57VDC Input Voltage
<b>Power Consumption:</b>	2 Watts max.
<b>Approval:</b>	FCC Class B, CE Class B, IEC60950-1
<b>Mounting Support:</b>	DIN Rail



Model	Fiber Port	Wavelength	Tx Power (dBm)	Rx Sens. (dBm)	Rx Max. (dBm)
M7273SP	MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
M7274SP	MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
M7275SP-2	SM, SC, 20km	1310nm	-15 ~ -7	-32	-3
M7275SP-5	SM, SC, 50km	1310nm	-5 ~ 0	-35	-0
M7275SP-7	SM, SC, 70km	1310nm	0 ~ +5	-36	-0
M7275SP-9	SM, SC, 90km	1550nm	0 ~ +5	-35	-0
M7275SP-2SFA	SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ 8	-31	0
M7275SP-2SFB	SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ 8	-31	0

USB-to-DC Cable



DRB DIN Rail Mounting Bracket

