

MF727X Industrial Media Converter 10/100Base-TX to 100Base-FX

Product Features

- (1) 10/100Mbps Copper Port
- (1) 100Mbps Fiber Port
- Supports non-blocking store-and-forward switching
- Supports auto-negotiation 10/100Mbps
- Supports auto MDI/MDI-X crossover on the copper port
- Supports Full-Duplex and Half-Duplex
- Low power consumption
- Redundant DC Power
- 4KV Ethernet surge protection
- Extended temperature range
- Corrosion resistant
- Industrial rated Emission and Immunity performance
- Supports DIN rail mounting



Technical Specifications

Network Ports:	<ul style="list-style-type: none"> • (1) 10/100Mbps Copper Port (RJ-45) Auto-Negotiate, Auto-MDI/MDI-X • (1) 100Mbps Fiber Port (ST or SC)
Switching Architecture:	<ul style="list-style-type: none"> • Store-and-Forward
Switching Capacity:	<ul style="list-style-type: none"> • 0.4Gbps (non-blocking)
MAC Address Table:	<ul style="list-style-type: none"> • 2K
Maximum Frame Size:	<ul style="list-style-type: none"> • 1536 Bytes (Jumbo Frames)
Flow Control:	<ul style="list-style-type: none"> • Back pressure (Half-Duplex) • IEEE 802.3x Pause Frame (Full-Duplex)
LED Indicators:	<ul style="list-style-type: none"> • Power: On - Green • Copper Ports: Link/Activity - Green • Fiber Port: Link/Activity - Green

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Electrical, Mechanical, Environmental

DC Power Input Voltage:	<ul style="list-style-type: none"> Dual 9 ~ 52VDC Auto-sensing
Power Consumption:	<ul style="list-style-type: none"> 4 Watts (Full Load)
Dimensions:	<ul style="list-style-type: none"> 4.45 x 3.70 x 1.42 inches (113 x 94 x 36 mm)
Case:	<ul style="list-style-type: none"> IP44 Metal
Mounting:	<ul style="list-style-type: none"> DIN Rail
MTBF:	<ul style="list-style-type: none"> >100,000 hours
Operating Temperature:	<ul style="list-style-type: none"> -40°C ~ +80°C
Storage Temperature:	<ul style="list-style-type: none"> -40°C ~ +80°C
Relative Humidity:	<ul style="list-style-type: none"> 0% ~ 95% (non-condensing)

Available Models

Model	Fiber Port	Wavelength	Tx Power (dBm)	Rx Sens. (dBm)	Rx Max. (dBm)
MF7273	MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
MF7274	MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
MF7275-2	SM, SC, 20km	1310nm	-15 ~ -8	-30	-7
MF7275-2SFA	SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ 8	-31	0
MF7275-2SFB	SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ 8	-31	0

