

MF7260 Industrial Media Converter

10/100/1000Base-TX to 1000Base SFP

Product Features

- (1) 10/100/1000Mbps Copper Port
- (1) 1000Mbps Fiber SFP Slot
- Supports non-blocking store-and-forward switching
- Supports auto-negotiation 10/100/1000Mbps
- 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



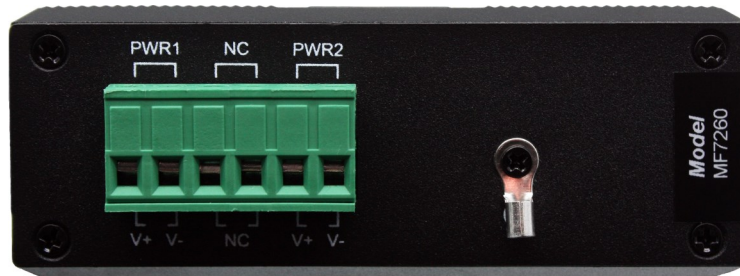
Technical Specifications

Network Ports:	<ul style="list-style-type: none"> • (1) 10/100/100Mbps Copper Port (RJ-45) Auto-Negotiate, Auto-MDI/MDI-X • (1) 1000Mbps Fiber SFP Slot
Switching Architecture:	<ul style="list-style-type: none"> • Store-and-Forward
Switching Capacity:	<ul style="list-style-type: none"> • 4Gbps (non-blocking)
MAC Address Table:	<ul style="list-style-type: none"> • 4K
Maximum Frame Size:	<ul style="list-style-type: none"> • 9.6K 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 SFP Slot: 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)



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Available SFP Modules

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
GBMM	1000	850nm	MMF	62.5μ: 220m 50μ: 550m	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1000	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1000	1310nm	SMF	10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1000	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1000	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1000	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB100SM	1000	1550nm	SMF	100km	LC	0 ~ +5	< -30	0 to 70° C
GB10SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB60SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	60km	LC	0 ~ +5	< -24	0 to 70° C
GB60SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	60km	LC	-2 ~ +4	< -25	0 to 70° C
GB80SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C
GB80SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C

CWDM and DWDM modules are also available. Call for details.