Industrial Fiber to Ethernet Media Converter - 100Mbps SFP to RJ45/Cat6 - Singlemode/Multimode Optical Fiber to Copper Network - 12-56V DC - IP-30/ -40 to +75C

Product ID: IMC100MSFP

An industrial media converter that converts fiber to copper at a network endpoint.

This media converter features an open SFP slot for any standard SFP to be used for the incoming fiber connection and is easily deployed across applications or fiber cable types. Accepts terminal block power or coaxial power connectors with the barrel plug adapter, allowing the product to be hardwired or powered using an external power supply (not included), which does not require professional installation. It can be powered using 18V-36V AC or 12V -56V DC for a high degree of flexibility including applications like solar, automotive, and rail. Includes hardware for DIN rail or wall mounting.

Designed with IP-30 housing and has an MBTF of >500,000 hrs (Telcordia/Bellcore) at 50C and an operating temperature range of include -40 C to 75 C for durability; it's rated to various vibration, shock, and free-fall standards: Vibration: EN 60068-2-6
Shock: EN 60068-2-27
Free-Fall: EN 60068-2-32

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The IMC100MSFP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

Features

• INDUSTRIAL FIBER TO ETHERNET MEDIA CONVERTER: Extends & converts 100Mbps fiber to RJ45 copper with hardened operating temp -40C to 75C; powered using 12V-56V DC for solar, automotive & rail applications
• TECH SPECS: 100Mbps AC (18-36V) or DC (12-56V) Single Mode SMF & Multi-Mode MMF Fiber 16K Jumbo Frames LFP IP-30 Housing DIN or Wall Mountable Terminal Block and/or Barrel Adapter for power flexibility
• OPEN SFP SLOT: Compatible with any standard SFP and can be used for multimode or single mode fiber connections; easy deployment across applications, fiber distances or fiber cable types
• PERFORMANCE & RELIABILITY: Industrial Network Media Converter w/MTBF 500,000+hrs @ 50C Vibration, shock & free fall rated IP-30 aluminum housing provides protection from damage
• THE STARTECH.COM ADVANTAGE: Optical fiber to CAT5/e & CAT6 media converter comes with a 2-year StarTech.com warranty and free lifetime 24/5 multilingual technical support based in North America

Hardware	Warranty	2 Years
	PoE	No
	Industry Standards	IEEE 802.3 10BASE-T</br>IEEE 802.3u 100BASE-FX</br>IEEE 802.3u 100BASE-TX</br>IEEE 802.3x
	Chipset ID	IC Plus IP113B
Performance	Max Transfer Distance	100 m (328 ft)
	Type	Single Mode / Multi Mode
	Flow Control	IEEE 802.3x Flow Control and Back Pressure
	Compatible Networks	10/100 Mbps
	Auto MDIX	Yes
	Jumbo Frame Support	No
	General Specifications	ESD Standard: IEC 61000-4-2: Contact: 6KV; Air: 8KV</br>EFT Standard: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge Standard: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration Standard: EN 60068-2-6</br>Shock Standard: EN 60068-2-27</br> Free-Fall Standard: EN 60068-2-32</br>Housing Standard: IP-30</br> Safety Standard: EN60950-1
	MTBF	534,482 hours
Connector(s)	Connector A	RJ-45
	Connector A	SFP Slot
Indicators	LED Indicators	SFP LNK/Act
	LED Indicators	Power
	LED Indicators	RJ45 LNK/Act
	LED Indicators	RJ45 Link Speed
Power	Plug Type	N

	Power Consumption (In Watts)	1.92W
Environmental	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C
	Humidity	5 to 95% (non-condensing)
Physical Characteristics	Color	Black
	Material	Aluminum
	Product Length	2.3 in [59 mm]
	Product Width	1.4 in [36 mm]
	Product Height	2.0 in [50 mm]
	Weight of Product	2.9 oz [81.4 g]
Packaging Information	Package Length	4.1 in [1.0 cm]
	Package Width	6.1 in [1.6 cm]
	Package Height	2.5 in [64 mm]
	Shipping (Package) Weight	8.6 oz [242.4 g]
What's in the Box	Included in Package	Media Converter
	Included in Package	Mounting Hardware Kit
	Included in Package	Quick-Start Guide
	Included in Package	Terminal Block to Barrel Power Connector Adapter
	Included in Package	Terminal Block

Product appearance and specifications are subject to change without notice.