

Industrial Fiber to Ethernet Media Converter - 1Gbps SFP to RJ45/ Cat6 - Singlemode/Multimode
Optical Fiber to Copper Gigabit Network - 12-56V DC - IP-30/ -40 to +75C
Product ID: IMC1GSFP



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

This media converter features an open SFP slot for any standard gigabit 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 12V-56V DC for solar, automotive, rail, and other applications and requires a minimum 12V power input. 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 60068-2-6Shock: EN 60068-2-27Free-Fall: EN 60068-2-32

The IMC1GSFP 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 1Gbps fiber to RJ45 copper w/ hardened operating temp -40C to 75C; can be powered w/ voltage as low as 12V DC, boosted to 55V standard

- 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 Gigabit Network Media Converter w/MTBF 500,000+hrs @ 50°C; 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
- TECH SPECS: 1 Gbps 12V-56VDC 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 redundancy

Hardware	Warranty	2 Years
	PoE	No
	Industry Standards	IEEE 802.3 10/100/1000BASE-T</br>IEEE 802.3x
	Industry Standards	IEEE 802.3
	Chipset ID	IC Plus IP1103A
Performance	Surge Protection	2KV
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Jumbo Frame Support	9K max.
	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	569,265 hours
Connector(s)	Connector A	SFP Slot
	Connector A	Ethernet Gigabit
	Connector A	Terminal Block (4 Wire)
Indicators	LED Indicators	Power
	LED Indicators	SFP
	LED Indicators	LNK/Act
Power	Plug Type	N
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	4.1 in [1.0 cm]
	Product Width	3.2 in [81.500 mm]
	Product Height	1.3 in [32.000 mm]
	Weight of Product	5.1 oz [144.000 g]
Packaging Information	Package Length	6.4 in [1.6 cm]
	Package Width	8.3 in [2.1 cm]
	Package Height	2.5 in [64.000 mm]
	Shipping (Package) Weight	13.6 oz [386.000 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.***

