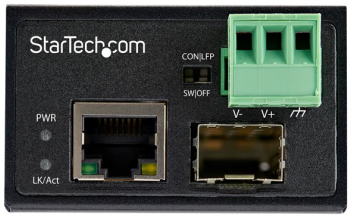
StarTech.com Industrial Fiber to Ethernet Media Converter, 100Mbps SFP to RJ45/Cat6, Singlemode/Multimode Optical Fiber to Copper Network, 12-56V DC, IP-30/ -40 to +75C, Fiber to Ethernet(IMC100MSFP)

StarTech.com 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, Fiber to Ethernet - SFP to RJ45 Converter (IMC100MSFP) - Fibre media converter - 100Mb LAN - 100Base-FX, 100Base-TX - RJ-45 / SFP (mini-GBIC)



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.

Key Selling Points

Compact size + flexible power input
Robust design
Industrial Network Media Converter with MTBF 500,000+hrs @ 50C
Vibration, shock & freefall rated
Rugged IP-30 aluminum housing
Hardened operating temp -40C to 75C

Product Features

Compact size + flexible power input
Smallest form factor Fiber to Ethernet media converter - extends & converts 100Mbps fiber to RJ45 copper; powered by 18-36V AC or 12V-56V DC for solar, auto & rail.

Robust design
Industrial Network Media Converter with MTBF 500,000+hrs @ 50C. Vibration, shock & freefall rated. Rugged IP-30 aluminum housing. Hardened operating temp -40C to 75C.

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.

Main Specifications

Product Description	StarTech.com 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, Fiber to Ethernet - SFP to RJ45 Converter (IMC100MSFP) - fibre media converter - 10Mb LAN, 100Mb LAN
Device Type	Fibre media converter - RJ-45 / SFP (mini-GBIC)
Form Factor	DIN rail mountable
Cabling Type	100Base-FX, 100Base-TX
Data Transfer Rate	100 Mbps
Data Link Protocol	10Mb LAN, 100Mb LAN
Power	AC 18 - 36 V / DC 12 - 56 V
Dimensions (WxDxH)	3.2 cm x 5.9 cm x 5 cm
Weight	81.4 g
Manufacturer Warranty	2-year warranty

Extended Specification

General

Device Type	Fibre media converter
Form Factor	DIN rail mountable
Colour	Black

Expansion / Connectivity

Interfaces	1 x Ethernet 100Base-TX - RJ-45 female ¦ 1 x Ethernet 100Base-FX - SFP female

Manufacturer Warranty

Service & Support	Limited warranty - 2 years

Networking

Connectivity Technology	Wired
Cabling Type	100Base-FX, 100Base-TX
Data Link Protocol	10Mb LAN, 100Mb LAN
Data Transfer Rate	100 Mbps
Status Indicators	Port status, active, link
Features	Flow control, auto-uplink (auto MDI/MDI-X), full duplex mode, Back Pressure Support, 2KV Surge protection
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3x

Miscellaneous

Included Accessories	Power terminal block
Mounting Kit	Included
MTBF	534,482 hours
Compliant Standards	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5, FCC, RoHS, EN 60950-1, WEEE, MSA, IP30, EN 60068-2-27, EN 60068-2-32, EN 60068-2-6

Power

Power Device	External power adapter
Voltage Required	AC 18 - 36 V / DC 12 - 56 V
Power Consumption Operational	1.92 Watt

Environmental Parameters

Min Operating Temperature	-40 °C
Max Operating Temperature	75 °C
Humidity Range Operating	5 - 95% (non-condensing)

Dimensions & Weight

Width	3.2 cm
Depth	5.9 cm
Height	5 cm
Weight	81.4 g

Dimensions & Weight (Shipping)

Shipping Width	15.5 cm
Shipping Depth	10.5 cm

Shipping Height	6.4 cm
Shipping Weight	200 g