

C-IFMC-FX-1SFP1

1 10/100Base-TX(RJ-45) to 1 Open SFP Port Industrial Media Converter

Features

- IEEE802.3/802.3u/802.3x, store and forward.
- Plug-and-play, easy installation.
- 10/100M, F/H duplex, MDI/MDI-X auto negotiation
- -40°C to 80°C operating temperature range.
- Designed for industrial applications. IP40 protection.
- Standards: comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX.
- RJ45 port rate: 10/100BaseT(X) auto connection, Full/Half duplex or force work mode, and support MDI/MDI-X connection.
- Fiber Ports: 100BaseFX Open SFP port.
- Single-mode: 20, 40, 60, 80, 100, 120km, optional;
- Multi-mode: 2km
- Wavelength: 850nm, 1310nm, 1550nm.
- Typical 100Base-Fx: Multi-mode: 155Mbps, 1310nm, 2km, average output $\geq -18\text{dbm}$, sensitivity, sensitivity $\leq -35\text{dBm}$
- Single-mode: 155Mbps, 1310nm, 20km, average output $\geq -12\text{dBm}$, sensitivity $\leq -36\text{dBm}$.

Product Description

This is an industrial media converter that converts 1 10/100Base-TX(RJ-45) to 1 Open SFP Port . This provides a cost effective conversion from 10/100Base-TX(RJ-45) to 100Base-X fiber, while extending the network reach beyond the 100m reach limitation of copper. This industrial grade product includes a terminal block and does not come with a power plug. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

Specifications

Parameter	Specification
Access Method	10/100Mbps
Standard	IEEE802.3u, IEEE802.3, IEEE802.1, IEEE802.3x

Wavelength	850nm/1310nm/1550nm
Distance	Dual Fiber MM: 2km Single Fiber SM: 20/40/60/80/100/120km
Power Supply	24VDC (9 - 36VDC)
Operating Temperature	-40°C to 80°C
Humidity	5-90% (Non-Condensing)
Storage Temperature	-40°C to 80°C
Dimension	60mm(H) x 112mm(W) x 138mm(D)
House Protection	P40 Protection - Aluminum Alloy

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

Contact Information

ProLabs US

Email: sales@prolabs.com

Telephone: 952-852-0252

ProLabs UK

Email: salesupport@prolabs.com

Telephone: +44 1285 719 600