

C-IFMC-FX-1ST1

1 10/100Base-TX(RJ-45) to 1 100Base-FX(ST) MMF 1310nm 2km Industrial Media Converter

Features

- 1x10/100Base-TX RJ45 ports, 1x100Base-FX(ST) ports,
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- Provide SC/FC/ST/LC interface fiber port, support single/dual fiber transmission
- -40°C to 80°C operating temperature range
- Designed for industrial applications. IP40 protection
- Support IEEE802.3az energy efficient Ethernet technology
- Support IPv6 Protocol
- Electric 4KV surge protection, easy to use in outdoor environment
- Complete status indicator, working state at a glance
- Power input polarity protection design, no worry about wrong operation
- Metal case, no fan design

Product Description

This is an industrial media converter that converts 1 10/100Base-TX(RJ-45) to 1 100Base-FX(ST) via 1310nm multi-mode fiber (MMF) ST, with a maximum distance reach of 2km. This provides a cost effective conversion from 10/100Base-TX(RJ-45) to 100Base-FX 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

Physical Port	
RJ45 port and speed	1x10/100Base-TX
Fiber port and speed	1x100Base-FX
Parameters	
Ethernet standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
Packet buffer	1Mbits
Maximum packet length	Up to 1532Bytes
Wavelength	1310nm
Transmission mode	Store and Forward (full/half duplex mode)
Exchange property	Delay time: < 7μs Backplane bandwidth: 1Gbps Packet forwarding rate: 148810 (64Byte)
Reach	2km over MMF
LED Indicator	
Power	Connect-always
RJ45	Link/Act: connect-always; data exchange-twinkle Speed light: 100Mbps-always; 10Mbps-twinkle
Fiber	Link/Act: connect-always; data exchange-twinkle
Power Information	
Power Supply	24VDC (9~36V DC)
Physical Property	
Protection grade	IP40 aluminum case
Cooling mode	Natural cooling, no fan design
Dimensions	120mm x 89mm x 35mm (L x W x H)
Installation mode	DIN trail/wall-mountable
Weight	400g
Working Environment	
Operating Temperature	-40°C~80°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-40°C~85°C

Dimensions

