VERDELON

Industrial Fiber to Ethernet Media Converter

IM-UM-0101-0016

Product Description

The Industrial Fiber-to-Ethernet Media Converter is designed for reliability and versatility, supporting 10/100/1000 Ethernet connections. It features one RJ45 port and one SFP port, which automatically detects 100Base-FX or 1000Base-X connections for seamless network integration. Ideal for connecting IP devices to a backbone fiber network, this converter ensures efficient and adaptable data transmission in industrial environments.

Ports Interface

RJ45	1x RJ45 10/100/1000BASE-T port w/ auto MDI / MDI-X
Optical	1x 1000Base-X or 100Base-FX SFP port w/ auto detection

Ethernet Standards

IEEE802.3
IEEE802.3u
IEEE802.3ab
IEEE802.3z
IEEE802.3az

Indicators

PWR	Power status
L/A	Link/Activity
FX	Fiber link status

Environmental Standards

Rating	IP40
Storage Temperature	-40°C to 85°C
Operating Temperature	-40°C to 80°C
Humidity Tolerance	5% to 95%

Technical Specifications

Forward and Filtering Rate	14,880pps (10Mbps) / 148,800pps (100Mbps) / 1,488,000pps (1000Mbps)
Packet Buffer Memory	1 Mbit
Maximum Packet Length	9K bytes
Address Table	2K MAC addresses
Processing Type	Store and forward

Power

Power Input	12-48VDC
Self Consumption	3W

Physical Properties

Weight	250g
Case Material	Aluminum
Dimensions (H x D x W)	95mm x 65mm x 30mm
Mounting	Optional DIN-Rail mount included Optional wall mount included

Any questions?

Visit our website at:
www.verdelon.com

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