

10/100 Singlemode Media Converter 30km SC

FO-MC1012 - Specifications

Description

This singlemode fiber optic media converter can extend a 10/100 Mbps Ethernet connection up to 30 km over a singlemode SC fiber optic cable. The converter can be used as a standalone unit or in pairs. It can also be mounted into a 19" media converter chassis.

Physical Characteristics

Color Black

Dimensions 94mm x 72mm x 25mm (L x W x H)

Housing Metal

Operating Temperature $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$

Relative Humidity 5% to 8% (non-condensation)

Standards IEEE802.3, IEEE802.3U, 10/100Base-TX, 10/100Base-FX

<u>Power</u>

Power Supply 1A@+5VDC or 110-260VAC or 48VDC

Power Consumption 2.5W

Connectors

Fiber Connector SC

Ethernet Connector RJ45 UTP

Performance

Media Supported Singlemode Fiber (8.3/125um, 9/125um, 10/125um)

Referenced Transmission Distance Dual-Fiber Singlemode: 30km

Data Forward Rate 10Mbps: 14,880pps

100Mbps: 148,800pps

Features High-Performance Kernel, Broadcast Storm Control, Flow Control, CRC Error Checking

LED FX Link/Act (Connection status display for fiber link)

TX Link/Act (Connection status display for electric link)

PWR (power is on)

FDX (transceiver works in full duplex mode)

FX (fiber signal is detected)

TX (transfer rate of UTP interface is 100Mbps



Certifications

CE Yes
FCC Yes
RoHS Yes

Packaging Information

Package Quantity 1

Product Weight 0.85 lbs [0.03kg]

Warranty Information

Warranty 1 Year