



10/100 Multimode Media Converter 2km SC

FO-MC1001 - Specifications

Description

This multimode fiber optic media converter can extend a 10/100 Mbps Ethernet connection up to 2 km over a multimode 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.

Note: Should be used in pairs.

Physical Characteristics

Color	Black
Dimensions	94mm x 72mm x 25mm (L x W x H)
Housing	Metal
Operating Temperature	0°C ~ 50°C
Relative Humidity	5% to 8% (non-condensation)
Standards	IEEE802.3, IEEE802.3U, 10/100Base-TX, 100Base-FX

Power

Power Supply	1A@+5VDC or AC110V-265VAC or 48VDC
Power Consumption	2.5W

Connectors

Fiber Connector	SC
Ethernet Connector	RJ45 UTP

Performance

Media Supported	10Base-T: CAT3, 4, 5, UTP/STP, Max 100m 100-Base-TX: CAT5 UTP/STP, Max 100m Multi-model fiber (50/125um, 62.5/125um)
Referenced Transmission Distance	Dual-Fiber Multimode - 2km
Optical wavelength	1310nm
Data Forward Rate	10Mbps (14,880pps) 100Mbps (148,800pps)
Features	Flow Control





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LED Status Description

LED	Function	Status	Description
PWR	Power LED	ON	Power is ON
		OFF	Power is OFF
LINK/ACT FX	Fiber Port Link/Action Status LED	ON	Fiber Port is Linked
		BLINK	Fiber Port is Active
		OFF	Fiber Port is Not Linked
LINK/ACT TX	UTP Port Link/Action Status LED	ON	UTP Port is Linked
		BLINK	UTP Port is Active
		OFF	UTP Port is Not Linked
FDX	Duplex Mode	ON	TX works in full duplex mode
		OFF	TX works in half duplex mode
FX	Fiber signal	ON	Fiber signal is detected
		OFF	Fiber signal is undetected
TX	Transfer rate	ON	Transfer rate of UTP interface is 100Mbps
		OFF	Transfer rate of UTP interface is 10Mbps

Certifications

CE, FCC, RoHS Yes

Packaging Information

Package Quantity 1

Product Weight 0.85 lbs [0.03kg]

Warranty Information

Warranty 1 Year