



10G Multimode to Singlemode Duplex Fiber Converter

FO-MC4201- Specifications

Description

This bi-directional 10G singlemode to multimode media converter allows communication between singlemode and multimode fiber optic cable networks. It can be used for connection between fiber to fiber 10Gbps equipment function as fiber mode converter, or as fiber repeater for long distance transmission.

Note: Transceivers are not included.

Features

- To meet the requirement for Metro optical networks or optical access network high-speed interconnect, and transparent transmission
- 850nm, 1310nm, 1490nm and 1550nm wavelength conversion, with EDFA optical amplification and dispersion management, to extend the transmission distance
- Supporting Jumbo frame
- Support SAN, KAN, WAN, point to point transmission
- Proved Multi-data & multi-rate interfaces, to solve a variety of optical fiber resource constraints problem in network
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support hot plugging
- Full State LED display
- Easy installation

APPLICATION

Converting Multimode to Singlemode Fiber



Extending Network Distance





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Physical Characteristics

Color	Black
Dimensions	90mm x 60mm x 20mm (L x W x H)
Housing	Metal
Operating Temperature	0°C ~ 50°C
Storage Temperature	-10°C ~ 70°C
Relative Humidity	5% to 90% (non-condensation)

Power

Power Supply	DC 12V/1A (external power)
Power Adapter	AC110-240V ~50/60Hz 0.8A
Power Consumption	3W (without SFP+ module)

Connectors

Interface Type	SFP+ to SFP+
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Performance

Transmission Speed	125Mb/s~11.7Gb/s
LED Indicators	SFP2, LOOP, SFP1, PWR
Latency	3us Ultra-low
Transmission Distance	Depends on Plug-in Fiber Transceiver
DIP Switch	Loopback/LFP (Link Fault Pass Through)/ALS (Automatic Laser Shutdown) Function
Maximum Packet Forwarding Rate	14,880,950/S
Standards and Protocols	IEEE802.3an, IEEE802.3ae
Jumbo Frame	16k
MTBF (hrs)	> 50,000Hrs

Certifications

CE, FCC, RoHS	Yes
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Warranty Information

Warranty	1 Year
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Packaging Information

Package Quantity	1
Product Weight	0.85 lbs [0.03kg]

