



WI-MC101G

Gigabit Single Mode Fiber Optic Media Converter

Datasheet

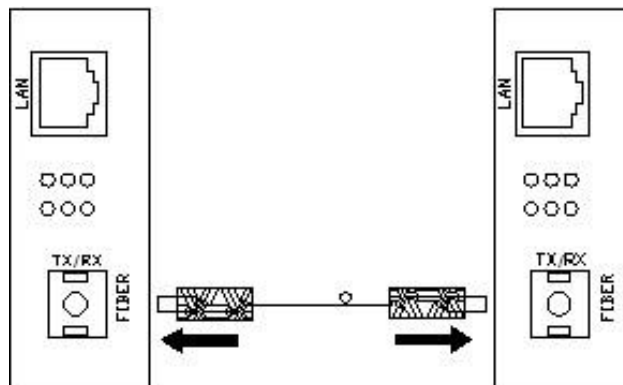


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Highlights

- 25KM 1000Mbps Single Mode Fiber Optic Media Converter
- Connector: UTP: RJ-45,10/100/1000Mbps; Fiber: SC,1000Mbps
- Support Tag-VLAN, Port-VLANs
- Supports up to 2k byte JUMBO frame
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Support hot-swappable, plug and play

Typical Applications



Description

what this product does

The WI-MC101G is a media converter designed to convert 1000BASE-FX fiber to 10/100/1000Base-TX copper media or vice versa. Adopting WDM technology, WI-MC101G takes only one fiber cable to transmit and receive data, which will save half cabling cost for you. Designed under IEEE 802.3u 10/100Base-TX and 100Base-FX standards, the WI-MC101G is designed for use with single-mode fiber cable utilizing the SC-Type connector. It supports longwave (LX) laser specification at a full wire speed forwarding rate. It works at 1310nm on transferring data and at 1550nm on receiving data. So the other end device to cooperate with the WI-MC101G should work at 1550nm on transferring data and at 1310nm on receiving data. It has auto MDI/MDI-X for TX port, Auto negotiation of duplex mode on TX port. The WI-MC101G will transmit at extended fiber optic distances utilizing single-mode fiber up to 25 kilometers.

Specifications

HARDWARE FEATURES

Interface	1 1000M SC port 1 10/100/1000M RJ45 port (Auto MDI/MDIX)
Standards and Protocols	IEEE 802.3i, IEEE 802.3u
Wave Length	1310nm Tx/1550nm Rx
Network Media 100BASE-T	UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Network Media 1000BASE-T	UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)

HARDWARE FEATURES

Network Media 1000BASE-FX	Single-mode Fiber
LED Indicators	PWR, Link/Act
Dimensions (W*D*H)	94.5*73.0*27.0 mm
Power Supply	5V/1A

OTHERS

Certification	CE, FCC, RoHS
Package Contents	Media Converter Power adapter Warranty Card
Environment	Operating Temperature: 0°C ~40°C (32°F ~104°F) Storage Temperature: -40°C ~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing