



# WI-MC101M

## 100Mbps Single Mode Fiber Optic Media Converter

### Datasheet

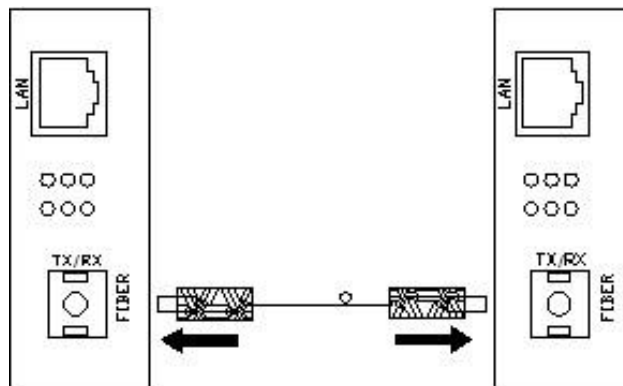


[www.wireless-tek.com](http://www.wireless-tek.com)

## Highlights

- 25KM 100Mbps Single Mode Fiber Optic Media Converter
- Connector: UTP: RJ-45,10/100Mbps; Fiber: SC,100Mbps
- 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-MC101M is a media converter designed to convert 100BASE-FX fiber to 10/100Base-TX copper media or vice versa. Adopting WDM technology, WI-MC101M 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-MC101M 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-MC101M 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-MC101M will transmit at extended fiber optic distances utilizing single-mode fiber up to 25 kilometers.

## Specifications

### HARDWARE FEATURES

<b>Interface</b>	1 100M SC port 1 10/100M RJ45 port (Auto MDI/MDIX)
<b>Standards and Protocols</b>	IEEE 802.3i, IEEE 802.3u
<b>Wave Length</b>	1310nm Tx/1550nm Rx
<b>Network Media 10BASE-T</b>	UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
<b>Network Media 100BASE-T</b>	UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)

## HARDWARE FEATURES

<b>Network Media 100BASE-FX</b>	Single-mode Fiber
<b>LED Indicators</b>	PWR, Link/Act
<b>Dimensions (W*D*H)</b>	94.5*73.0*27.0 mm
<b>Power Supply</b>	5V/1A

## OTHERS

<b>Certification</b>	CE, FCC, RoHS
<b>Package Contents</b>	Media Converter Power adapter Warranty Card
<b>Environment</b>	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