

## MT-212GS

WDM Fast Ethernet Media Converter  
 Single Mode Single Fiber

### Description:

The MT-212GS is a media converter designed to convert 1000BASE-LX/LH fiber to 1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX/LH standards, the -212GS is designed for use with single-mode fiber cable utilizing the SC-Type connector. The MT-212GS supports long wave (LX) laser specification at a full wire speed forwarding rate. It works at 1310nm on both transmitting and receiving data.



### Features:

- Works at 1000Mbps in Full-Duplex mode for both TX port and FX port
- Supports auto MID/MID-X for TX port
- Provides switch configuration of Force /Auto transfer mode for FX port.
- Extends fiber distance up to 20km
- Easy-to-view LED indicators provide status to monitor network activity easily
- External power supply

### Specifications:

Standards and Protocols		IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Basic Function		Adopts WDM technology Half/Full-Duplex transfer mode for FX port Full Duplex Flow Control (IEEE 802.3x) Half Duplex Flow Control (Backpressure) Link Fault Pass through and Far End Fault minimize the loss caused by link failure timely Extends fiber distance up to 20km
Ports		1 100M SC port 1 100M RJ45 port (Auto MDI/MDIX)
WDM	TX	1310nm
	RX	1550nm
Network Media	100BASE-T	UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
	1000BASE-T	UTP category 6, 6a cable (maximum 150m) EIA/TIA-568 100Ω STP (maximum 100m)
	1000BASE-FX	Single-mod Fiber
LED Indicators		PWR, FDX/Col, Link/Act, SPD
Safety & Emission		FCC, CE
Dimensions (W*D*H)		3.7*2.9*1.1 in. (94.5*73.0*27.0 mm)
Environment		Operating Temperature: 0℃~40℃ (32℉~104℉)
Storage Temperature:		-40~70 (-40~158)
Operating Humidity:		10%~90% non-condensing
Storage Humidity:		5%~90% non-condensing
Power Supply		External Power Adapter