

MC-G is a simple and effective Gigabit media converter, it allows conversion from Gigabit Ethernet copper to 1000 Base-X fiber optic

- Gigabit Dual fiber Media converter
- Max Transmit data signal up to 80km
- The Media Converter complies with IEEE 802.3, 802.3u, 802.3x, 802.3y, 802.3z, 802.3ab. (CSMA/CD, 10/100/1000BASE-T, 1000BASE-LX 1000Base-SX), Standards.
- It is designed to convert data signal between 10/100/1000 Base-TX and fiber optic gigabit Ethernet
- SC type fiber optic connectors or SFP Pluggable
- It is equipped with duplex SC fiber optic connector (or SFP Pluggable) and one RJ-45 port.
- Six LED indicators are built-in for easily diagnosing and monitoring the status of power, Unshielded Twisted Paired (UTP) Link, UTP Activity, Fiber Link, Fiber Activity, Full duplex and data rates.
- It supports transparent VLAN traffic and IEEE802.3x flow control for full duplex mode, Back-pressure flow control for half duplex mode, port level SNMP.
- Auto-Negotiation MDI/MDI-X for 10/100/1000 Base-T Ethernet Port
- Half-duplex and full duplex identify automatically.
- Aluminum alloy case, compact shape, light weight, cost-effective, high reliable and stable
- Operating temperature: -10°C to 60°C
- Power: 12 VDC
- Includes 120/240 VAC external power supply
- 220v AC or 48v DC power supply optional; inside power or outside power optional.
- Dimensions: 95 ×70 ×26 mm (out) power external



Features

- **Plug-and-play installation.**
- **One RJ-45 Port (10/100/1000 Base-TX)**
- **One Optical Port (SC fixed or SFP slot) 1000BASE-X**
- **Full Gigabit Capacity**
- **LED's: PWR, FX,FX-LINK/ACT, FDX/CCL, 1000M, TX-LINK/ACT**
- **TIA/EIA T568 (100 ohm, 100m)**
- **UTP / STP / FTP**
- **Temperature: -10°C~60°C**
- **Humidity: 0%~95% RH**

MODEL	FIBER TYPE	Wavelength	Output Power	Sensitivity	Distance
MC-G-21	Multimode Fiber (OM1, OM2, OM3)	850 nm	-5 to 0 dBm	< -10dBm	2 Km
MC-G-22	Singlemode 9/125um, G.652, G.657	1310 nm	-9 to 0 dBm	< -23dBm	20 Km
MC-G-24	Singlemode 9/125um, G.652, G.657	1310 nm	-9 to 0 dBm	< -27dBm	40 Km
MC-G-23	Singlemode 9/125um, G.652, G.657	1550 nm	-5 to 0 dBm	< -35dBm	80 Km
MC-G-SFP	Gigabit Ethernet 1 GE SFP port				