

MMC-GE-xx-SC

10/100/1000Mbps Gigabit Ethernet Fiber Converter

LinkEasy MMC Gigabit Ethernet media converters transparently connect Gigabit speed fiber optic segments to 10/100/1000Base-T media. The converters support both full duplex and half duplex operation and auto-negotiation of line rate on the RJ-45 copper interface. The products allow Ethernet data transmission of up to 9K byte packet size thus offer suitable solution for VLAN trunks, Q-in-Q, MPLS connections or other applications where jumbo frame support is required. MMC converters are available with various optical interfaces including dual fiber multimode, dual fiber single mode and single fiber Gigabit interfaces with SC connectors. The size of the MMC products is only about two third of the regular fiber media converters that makes it an ideal choice where the installation space is limited. Up to 18 converters can be inserted into LinkEasy's 19" 1.5U rack base.



Key Features

- Plug and Play operation
- Compact Size
- Link/Activity LED for RJ-45 interface
- Bi-color LED for optical interface status (red/green)
- Auto-negotiation on RJ-45 interface with Auto-MDIX
- Fixed Full-Duplex on fiber interface
- Link Pass Through/Automatic Link Restoration
- Far-End-Fault indication
- Overload Current Protection
- Reverse Polarity Protection

Specifications

Standards	IEEE Std. 802.3, 802.3u, IEEE802.3z, IEEE802.3ab
Status LEDs	Fx-link/Bi-color LED Tx-link/RJ45 LED
Dimension	85.1mm(D) x 45.7mm(W) x 21.1mm(H)
Power consumption	6 Watts
Power Sources	External AC/DC PSU with 100-240VAC input and 5VDC output
Operating Temp	-20 ~ 65°C
Storage Temp	-40 ~ 85 °C
Humidity	5 ~ 90% non condensed
Shipping Weight	0.4kgs/pc
Regulatory Compliance	FCC Class A/CE mark

Ordering Information

MMC-GE-MM-SC	LinkEasy Mini Gigabit Ethernet media converter, 1 x 10/100/1000BASE-TX (RJ-45) + 1 x 1000BASE-SX, 850 nm, multimode 550m (SC), -20~65C extended temp. range
MMC-GE-SM-20SC	LinkEasy Mini Gigabit Ethernet media converter, 1 x 10/100/1000BASE-TX (RJ-45) + 1 x 1000BASE-LX, 1310 nm, single mode 20km (SC), -20~65C extended temp. range
MMC-GE-SFU-20SC	LinkEasy Mini Gigabit Ethernet media converter, 1 x 10/100/1000BASE-TX (RJ-45) + 1 x 1000BASE-BX BiDi, Tx1310nm, Rx:1550nm, single mode 20km (SC), -20~65C extended temp. range
MMC-GE-SFD-20SC	LinkEasy Mini Gigabit Ethernet media converter, 1 x 10/100/1000BASE-TX (RJ-45) + 1 x 1000BASE-BX BiDi, Tx1550nm, Rx:1310nm, single mode 20km (SC), -20~65C extended temp. range