LC-MCGSFP - 10/100/1000M Gigabit Ethernet Media Converter with one SFP Slot

Ethernet Fiber Optic Series

Features

- 10/100/1000 Base-Tx to 1000Base SX/LX Converter

- One 10/100/1000 Mbps RJ45 Ethernet port (maximum segment length 100 meters)

- One SFP slot for Gigabit Fiber link (all major brand 3.3V SFP modules that comply to MSA specifications are supported)

- Supports hot swapping of SFP modules

- Status LEDs for easy monitoring of device's status

- Can be used desktop, or mounted in the LC-MCC14AA media converter chassis.
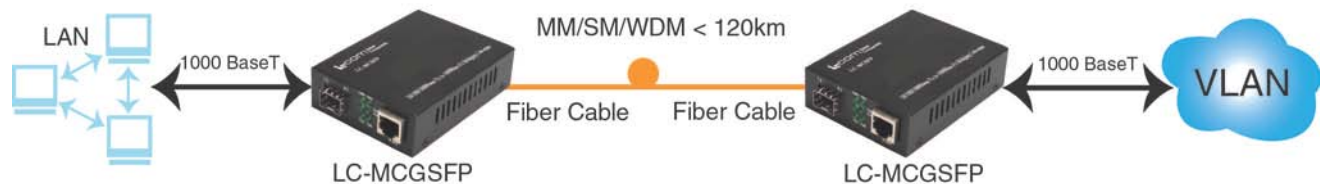
Introduction / Product Overview

LC-MCGSFP media converter with standard SFP slot

L-com's LC-MCGSFP Gigabit Ethernet Media Converter is designed to meet the various needs for extending your network and is able to extend a copper based network via fiber cable to a maximum distance up to 80km. Our LC-MCGSFP is fully compliant with IEEE802.3, IEEE802.3U, IEEE802.3AB, 10/100/1000Base-TX, and IEEE802.3z 1000Base-SX/LX standards. It can be used as a standalone converter or installed into our LC-MCC14AA 14 slot Media Converter chassis. Operation status can be locally monitored through a set of diagnostic LEDs located on the front panel. Powered by an external 5V DC power supply (included).

Specifications

ITEM	SPECIFICATION
Ethernet Standards	IEEE802.3: 10Base-T IEEE802.3u: 100Base-TX IEEE802.3ab: 1000Base-T IEEE802.3z: 1000Base-SX/LX (Depending on SFP used) IEEE802.3x: Flow control and back pressure
Ethernet Port	CAT5e (or better) (10/100/1000Mbps) unshielded twisted pair cable (100m Max)
Fiber Port	SFP 3.3V with LC connector
LEDs	PWR, TP/ACT, 100M,1000M, FX/ACT, FDX
Power	External 5VDC 2A
Weight	0.39lbs (177g) Shipping Weight: 0.82lbs (372g)
Dimensions	3.7L x 2.79W x 1H Inches (95mm x 71mm x 26mm)
Shipping Dimensions	9L x 5L x 2H Inches (229mm x 127mm x 51mm)
Safety	UL certified
Temperature	Operating: 32º~113ºF (0º~45°C) Storage: 14º~158°F (-10º~70°C)
Humidity	Operating: 10~90% (non-condensing) Storage: 10~90% (non-condensing)
EMC	FCC Part 15 (Class A) CE EMC (Class A)

Application

Ordering Chart

LC-MCGSFP	10/100/1000TX RJ45 to 1000SX Multimode Duplex ST (2Km)

Accessories

LC-SFPMM-220-550M	Multimode 3.3V SFP Module Duplex LC 850nm (220m/550m)
LC-SFPMM-2	Multimode 3.3V SFP Module Duplex LC 1310nm (2km)
LC-SFPSM-10	Single mode 3.3V SFP Module Duplex LC 1310nm (10km)
LC-SFPSM-20	Single mode 3.3V SFP Module Duplex LC 1310nm (20km)
LC-SFPSM-40	Single mode 3.3V SFP Module Duplex LC 1310nm (40km)
LC-SFPSM-60	Single mode 3.3V SFP Module Duplex LC 1550nm (60km)
LC-SFPSM-80	Single mode 3.3V SFP Module Duplex LC 1550nm (80km)