

C-GMC-SX-LC

10/100/1000Base-TX(RJ-45) to 1000Base-SX(LC) MMF
850nm, 550m, Mini Media Converter



Features

- Conversion between auto-adaptation 10Base-T, 100Base-T, 1000Base-T and 1000Base-SX, full duplex 1000M working pattern.
- With distinct HIC solution, Low-temperature-rise chip, no need of cooling system, realization of flow control, decrease of broadcast storm.
- With famous brand optical-electronic-integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life.
- Supporting broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism.
- Supporting full-duplex flow control or half-duplex back pressure working pattern, along with Auto-negotiation
- Providing indicator lamps for link-loss, electrical and optical link diagnosing, dynamic data transmission and full/half duplex, data rate.
- With more than 50,000 hours MTBF, complying with telecom operating standard.
- Supporting choosing optical ports from dual fiber (MM), dual fiber (SM), and single fiber (SM).

Product Description

This is a media converter that converts a 10/100/1000Base-TX(RJ-45) to 1000Base-SX(LC) via an 850nm multi-mode fiber (MMF) LC connector, which allows distance reach up to 550m. This provides a cost-effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-SX fiber, while extending the network reach beyond the 100m reach limitation of copper. Our media converters are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade needs.

Specifications

Parameter	Specification
Access Method	10/100/1000Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.1q, IEEE802.1p, IEEE802.1d
Wavelength	850nm
Distance	Dual Fiber MM: 550m
Conversion Method	Media Conversion
Time Delay	<10us
BER	<1/1000000000
LED Indicator Lamps	1000M, 100M, FX LINK/ACT, TP LINK/ACT, FDX, POWER
Power Supply	DC5V 1A (external power), AC220 0.5A/DC-48 (internal power)
Power Dissipation	3W
Environmental Conditions	
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Operating Humidity	5% ~ 90%, non-condensing
Mechanical Specifications	
Case Material	Iron
Case Color	Black