

C-GMC-LX-2SC
10/100/1000Base-TX (RJ-45) to 1000Base-LX(SC)
1310nm, 20km, Gigabyte Media Converter

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10/100/1000Base-TX(RJ-45) to 1000Base-LX(SC) SMF 1310nm 20km Media Converter

Features

- Conversion between auto-adaptation 10Base-T, 100Base-T, 1000Base-T and 1000Base-SX/LX, 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 Link fail Pass fiber breaking defecting (can be chosen).
- Supporting full-duplex flow control or half-duplex back pressure working pattern, along with Auto-negotiation
- Supporting 9kbyte super data packet transmission.
- Supporting LFP.
- 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-LX(SC) via a 1310nm single-mode fiber (SMF) SC connector, which allows distance reach up to 20km. This provides a cost-effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-LX fiber, while extending the network reach beyond the 100m reach limitation of copper. Our media converters are 100% compliant for all 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, IEEE802.2d
Wavelength	1310nm
Distance	20km
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
Operating Temperature	0~50°C
Humidity	5%~90% non-condescending
Storage Temperature	5%~90%