

## C-GMC-SX-55C

10/100/1000Base-TX(RJ-45) to 1000Base-SX(SC) MMF  
850nm, 550m, 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 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 lams 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(SC) via an 850nm multi-mode fiber (MMF) SC 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	
Data Rates	10/100/1000Mbps (IEEE802.3U IEEE802.3z 1000Base-Tx)
	1000Mbps (1000Base-SX)
Input Power Requirements	
Input voltage	100 VAC to 240 VAC
Input frequency	47 Hz to 63 Hz
Environmental Conditions	
Operating Temperature	0°C to 50°C
Cooling	Free air convection
Storage Temperature	-20°C to +85°C
Operating Humidity	90% max, non-condensing
Mechanical Specifications	
Case Material	Iron
Case Color	Black
Net Weight	560g approx. / unit
Dimensions	110(W) x 40(H) x 140(L) (mm)
Connectors	
AC Inlet	IEC-J-4
LAN	Shielded RJ-45
Fiber	SC