C-GMC-2SFP

Open SFP to Open SFP Media Converter

Features

- Supporting IEEE802.3z 1000Base-SX/LX standards
- Supporting full-duplex/half-duplex.
- Supporting conversion between 850nm multi-mode fibers and 1310nm/1550nm single mode fibers
- Supporting direct and transparent transmission of packets at different lengths
- Supporting the transmission of extra-long VLAN packets
- Supporting Quality of Service (QoS) and ensuring the transmission of VoIP packets
- Supporting STP to form redundant network
- Low power consumption, low heat, reliable and stable performance, and log lifetime
- Supporting choosing optical ports from dual fiber (MM), dual fiber (SM), and single fiber (SM)
- 1000Mbps optical Ethernet long-distance transmitting system

Product Description

This is a media converter with two open SFP port slots, allowing for the conversion among a variety of fiber types. First, it acts as a wavelength switch device and can provide transmission between two wavelengths, 1310nm to 1550nm, 1310 to 850nm or 850nm to 1550nm. Second, this also acts as a mode switch device and can provide transmission between multi-mode (850nm, 1310nm) and single mode (1310nm, 1550nm). Finally, this acts as a fiber switch device and provide data transmission between single-fiber and dual-fiber. This flexibility allows for easy network configuration and future network upgrades. 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	
Access Method	1250Mbps
Standard	IEEE802.3z 1000Base-SX/LX Gigabit Ethernet
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Multi-Mode Dual-Fiber: 220m (62.5/125µm)/500m (50/125µm) Single-Mode Dual-Fiber: 20/40km Single-Mode Single-Fiber: 20/40km
Port	One Multi-Mode Optical Port: Multi-Mode: SC (50, 62.5/125µm) One Single-Mode Optical Port: Single-Mode: SC (9/125µm) Single-Mode Single-Fiber: SC (9/125µm)
Conversion Means	Media Conversion
BER	$<10^{-9}$
MTBF	100,000 Hours
LED Indicator	PWR (Power Supply) SM LINK (Single-Mode Optical Link) MM Link (Multi-Mode Optical Link)
Power Supply	AC220V 0.3A/DC-48V 0.5A
Power Consumption	3.5W
Operating Temperature	-10˚C to 55˚C
Storage Temperature	-40˚C to 70˚C
Operating Humidity	5-90%
Maintaining Humidity	5-90% (Non-Condensing)

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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