

ADD-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 long 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	850m/1310nm/1550nm
Transmission Distance	Multi-Mode Dual-fiber: 220m (62.5/125 μm)/500m (50/125 μm) 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 (9/125 μm) Single mode Single fiber: SC (9/125 μm)
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 ~ 55°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	5% ~ 90%
Maintaining Humidity	5% ~ 90% non-condensing

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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