ADD-GMC-2SFP

Open SFP to Open SFP 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 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 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	10/100/1000Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.1q, IEEE802.2d
Wavelength	850m/1310nm/1550nm
Distance	Dual Fiber MM: 550m Dual Fiber SM: 10/20/30/50/80km Single Fiber SM: 20/40/80km CAT5: 100m
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%

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 in engrained 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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