DanialMoj
Optical Telecommunication Solutions Provider

Media converter
Part number: DMAMCEM1Gx1001

Mini Gigabit Ethernet Media Converter
PART NUMBER: DMAMCE01GE1001

⚙ DESCRIPTION

DMAMCE01GE1001 Mini Gigabit Ethernet Media Converter is a Gigabit Ethernet stand-alone Mini media converter that provides cost effective, entry-level media conversion between1×10/100/1000Base-TX-portsand100/1000Base-FXports. With its fixed configuration, deployments are just plug-and-play, and with it is small size, Mini Gigabit Ethernet Media Converter is ideal for locations where space is limited. 1×10/100/1000Base Fiber Media Converter, SFP Fiber Media Converter, Options in single mode dual fiber, multimode dual fiber and single mode single fiber.

We also supply Media Converter Chassis, the 1U height 12 slots media converter rack mount chassis specially designed for accommodating chassis-based mini-Media Converters.

⚙ Mini Gigabit Ethernet Media Converter features

- 10/100/1000Base-TX to 1000Base-FX fiber media converter;
- Unit and Port LEDs allow for quick status information;
- Support Auto-Negotiation, Auto MDI/MDI-X and Half/Full Duplex mode;
- Support Jumbo Frame;
- Automatic Link Restoration;
- Connect to legacy network equipment;
- Eliminate Collision Domains;
- Support 1U Rack (12 channel) and Standalone use;
- Comply with IEEE 802.3/802.3u/802.3ab/802.3z Ethernet standards;
- Prevent packet loss with back pressure and IEEE 802.3x pause frame flow control;
- SC/FC/ST/LC Connectors optional;
- DIP Switch to set different configurations;
- Compact package size, easy installation;
- Support Link Fault Pass Through (LFP) and Automatic Laser Shutdown (ALS) function

Date set: 24 August 1400; This is the technical specifications sheet of the product and the amount and criteria of the last technical sheet produced, which can be cited based on the adjustment date.

Product specification

Physical Port	Specification
Copper Port	10/100/1000Base-T RJ45
SFP Port	100/1000BASE-X SFP interfaces
Fiber Mode	1000BASE-X, 550m-160km
Parameters	
Ethernet Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3ab Gigabit Ethernet IEEE 802.3z Gigabit Ethernet over Fiber Optic IEEE 802.3x flow control and back pressure
Packet Length	2046bytes
Transmission Mode	Store and Forward/Cut through
Exchange Property	Delay time: < 7ps Backplane bandwidth: 20Gbps; Packet forwarding rate: 14.88Mpps
DIP Switches	LFP function: Disable/Enable Forward mode: Store and forward/Cut through Fiber Speed 100M/1000M
LED Indicator	
Power	Connect-always
RJ45	Link/Act: connect-always; data exchange-twinkle
Fiber	Link/Act: connect-always; data exchange-twinkle
Fiber Speed	FX 100M/1000M
Power Information	
Power Input	Adapter Type: DC 5-12V
Power Consumption	Full-load<3W
Physical Property	
Dimensions	120mm×90mm×35mm
Installation Mode	wall-mountable
Weight	130g
Working Environment	
Operating Temperature	0℃~50℃
Operating Humidity	10%~90% non-condensing
Storage Temperature	-10℃~70℃
Warranty	
MTBF	50,000 hours
Defects Liability Period	1 year warranty, lifetime technical support
Certification Standard	
EMC	FCC Part15 Class A CE-EMC/LVD RoHS EN61000-4-2 (ESD), EN61000-4-3 (RS) EN6100044 (EFT), EN6100045 (Surge) EN61000^1-6 (CS), EN61000-4-8 EN61000-4-11

Mini Gigabit Fiber to Fiber Converter

Part number: DMAMCE01GO1001

Description

DMAMCE01GO1001 Mini Gigabit Fiber to Fiber Converter offers protocol transparent connectivity between different wavelengths or fiber modes for speed from 100Mbps to 1250Mbps. Protocol independence allows for use in broad range of applications including Fast Ethernet, Gigabit Ethernet, OC-12 and Fiber Channel. We also supply Media Converter Chassis, the 1U height 12 slots media converter rack mount chassis specially designed for accommodating chassis-based mini–Media Converters.

Mini Gigabit Fiber to Fiber Converter features

- SFP to SFP optical mode converter;
- Supports rate from 100Mbps to 1250Mbps;
- Supports multimode and single-mode;
- Wide power supply voltage range;
- Unit and Port LEDs allow for quick status information;
- Compact package size, easy installation;
- Support 1U Rack (12 channel) and Standalone use;

Product specification

Parameter	Specifications
Part number	DMAMCE01GO1001
Data rates	100Mbps to 1250Mbps
Wavelength	850nm/1310nm/1550nm
Transmission distance	Multi-mode: 2 km; Single mode: 20/40/60/80/100 km;
Conversion means	Cut-Through mode
Input voltage	DC 5V~12V
Power consumes	<3W
Operating temperature	0~50ºC
Operating humidity	5%~90%
Maintaining temperature	-40~70ºC
Maintaining humidity	5% ~ 90% non-condensing
Dimensions	60mm (W)×20mm (H)×90 mm (L)