

Media Converters

Mini 10Gbs SFP+ to SFP+ (OEO) Optical Mode Converter

The Axiom 10G SFP+ to SFP+ Optical Mode Converter provides a flexible transmission of various protocols, such as 1G/10G Ethernet, SDH STM16/STM64, OTU1/ OTU1e/OTU2/OTU2e, Fiber Channel 1/2/4/8/10, OBSAI, CPRI, etc. Using SFP+ ports with dedicated CWDM or DWDM wavelengths, the 10G Fiber to Fiber Converter supports multi-rate functionality with optical data rates from 1Gbps up to 10Gbps. With its functionality transponder is also suitable as a repeater for transmission over extended distances. In addition, the use of state of the art components greatly reduces the power requirements and heat dissipation factors over our previous transponders.



Features:

- Supports 10Gbase-SR/LR/ER/ZR/LRM to 10Gbase-SR/LR/ER/ZR/LRM
- Supports 10Gbase LAN (10.3125 Gbps) and WAN (9.95328 Gbps)
- 3R function, stable data transmission
- Short delay time when transparent transmission
- Jumbo Frame Support
- Supports DOM (Digital Optical Monitoring) function of optical transceivers
- Supports 850nm, 1310nm, 1550nm and DWDM/CWDM wavelength ruled by ITUT
- Unit and Port LEDs allow for quick status information
- Support 1U Rack (12 channel) and Standalone use
- Compact package size, easy installation

Contact your Axiom Sales Rep today: Sales@axiomconnectivity.com
or visit us on the web: axiomconnectivity.com

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Specifications:

Transmission Mode: 125Mb/s-11.7G

Transmission Distance:

- Multi-mode: Up to 500m/2km
- Single mode: 20/40/60/80/120km

DIP Switches:

- ALS (optional)
- LFP (optional)
- Loop (optional)

Input Power Requirements:

- Input voltage: DC 5-12V, 1.4/0.6A
- Power Consumption: 7 Watts maximum

Maximum Packet Forwarding Rate: 14,880,950/s

Environmental Requirement:

- Operating Temperature: 0°C~50°C
- Cooling: free air convection
- Storage Temperature: -10°C~70°C
- Relative Humidity: 5%~95% (non-condensation)
- MTBF: 50,000 h

* Note SFP Transceivers are not included

Axiom Media Converters

Axiom Part

Axiom Description

AC-MC12-SFP

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