

## **MC-10G-SFP-OEO**

10G OEO Converter (3R Repeater) with 2 Open SFP+ Slots Standalone Media Converter Card Kit

### **Features**

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for SFP+ fiber module
- Support Loopback test function
- Economic In-band Management function
- Powerful Network Management function (Web, SNP, Console)
- Support hot plugging
- Support 2U Rack (16 channel) and standalone use
- Full State Led display
- Easy installation

### **Main Applications**

- Connection between fiber to fiber 10Gbps Ethernet equipment allows it to function as a media converter for long distance transmission
- Media converter for network backbone (SAN, LAN, MAN)
- Can be applied in telecommunication room, R&D laboratory, data center, or network uses.

### **Product Description**

This is a standalone media converter card kit, which includes the aP media converter card and enclosure. This is a 10G OEO converter (3R Repeater) with 2 open SFP+ slots. It provides a connection between fiber to fiber 10Gbps ethernet equipment, and functions as a fiber mode converter, or as a fiber repeater for long distance transmission. The open SFPP port slots allow users to customize between the SR, LR, CWDM, DWDM, bidirectional, or etc. connections. This can be used in telecommunication rooms, R&D laboratory, data center, or other network uses. This standalone media converter can also be used (without the enclosure) and housed in one of our rack systems for plug and play mount support. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

## Specifications

Parameter	10G Media Converter Card
Transmission Speed	10Gbps
Protocols	IEEE 802.3an (10Gbase-T), IEEE 802.3ae (10Gbase-SR/LR/ER/ZR)
Access Type	10G LAN
Interface Type	Type: SFP+ to SFP+
Support Distance	SFP+ module: up to 80km 10Gbase-T: 100m Cat 6a cable
Maximum Packet Forwarding Rate	14,880,950/S
Network management information	<ul style="list-style-type: none"> <li>• Card type information</li> <li>• SFP+ fiber module detection</li> <li>• SFP+ fiber module DMI function (Temperature, Voltage, Optical power)</li> <li>• Link Status detector</li> <li>• Enable/Disabled Loopback test function</li> <li>• Remote card's status monitor (only in pairs)</li> </ul>
Power requirement	Rack-mountable: AC 85~220V or DC -48V Standalone: AC 220V or DC -48V Power consumption: ≤9W
Work Environment	Operating Temperature: 0~50°C Storage Temperature: -10~70°C Humidity: 5%~90% (non-condensing)
Dimension	Card: 11.5mm (W) x 78 (D) Standalone: 156mm (W) x 128mm (D) x 32mm (H)

## **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.

## **Contact Information**

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