







10G 3R Repeater OEO Converter Standalone/Card

OP-OEO-xxx-xxx-10G-3R



Shenzhen Optostar Optoelectronics Co., Ltd

2015. 11 (Version 2)

Item	OEO Converter Card
Module No	OP-OEO-xxx-xxx-10G-3R
Description	10G 3R Repeater OEO Converter Standalone/Card
	
	

Overview

OP-OEO-xxx-xxx-10G-3R Standalone 10G OEO Converter (3R Repeater) with SFP+ to SFP+ Slot, XFP to XFP Slot, SFP+ to XFP Slot optional , which uses optical -electricity – optical conversion principle to realize optical signal regeneration , enabling of the optical signal amplification and regeneration , re-timing, and wavelength conversion , with coarse / dense wavelength division multiplexing together to realized WDM transmission . It is now possible to quickly improve communication capacity , expand the bandwidth on present network , while using low-cost, high cost-effective solutions to manage and run the system , easy operation .

Features

- SFP+ to SFP+ Slot, XFP to XFP Slot, SFP+ to XFP Slot optional
- Support 2U Rack (16 Slots) and independent use
- Support network management (Web SNMP, Console)
- Support in-band management
- Support ITUT prescribed DWDM/CWDM wavelength
- 3R function
- Support Jumbo Frame

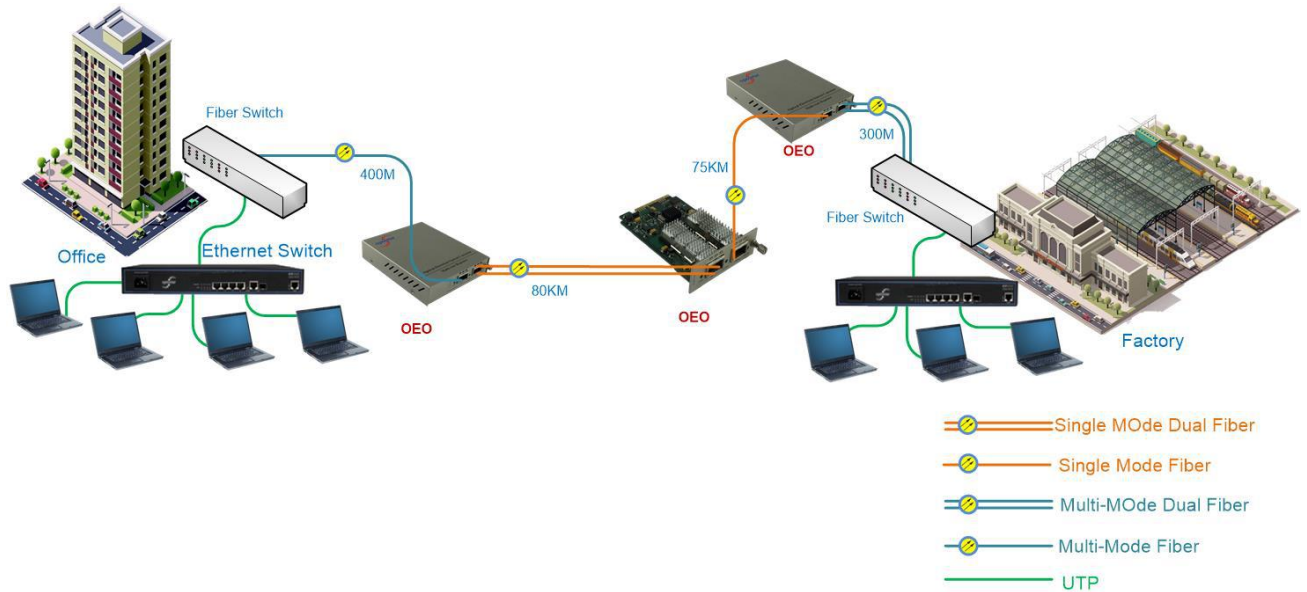
- Transparent Transpor and very low delay
- Support DMI function for SFP+/XFP fiber module
- Support Loopback test function
- Support PRBS Generator and checker
- Support hot plugging
- Full State Led display
- Easy installation

Technical Indexes

Performance Data	Technical Indexes
Equipment function	3R Repeater
Transmission Speed	10Gb/s (9.95Gb/s-11.35Gb/s)
Protocols	IEEE802.3ae (10Gbase-SR/LR/ER/ZR/LRM)
Access Type	10G LAN/ 10G WAN
Interface Type	Type A: SFP+ To/From SFP+ Type B: SFP+ To/From XFP Type C: XFP To/From XFP
Transmission Distance	SFP+ module: Up to 80Km XFP module: Up to 80Km
Maximum Packet Forwarding Rate	14,880,950/S
Network management information:	<ul style="list-style-type: none"> • Card type information • SFP+ or XFP fiber module detection • SFP+ or XFP fiber module DMI function (Temperature 、 Voltage 、 Optical power) • Link status detector • Enable/Disabled Loopback test function • Enable/Disable PRBS Generator and checker function • Rate select (10Gbase-Lan or Wan) • Remote card's status monitor (only in pairs)
power requirement	Rack-mountable : AC 85 ~ 220V OR DC -48V Standalone: AC 220V OR DC -48V Power consumption: ≤6W

Work Environment	Operating Temp: 0~ 50 ℃ Storage Temp: -10~ 70 ℃ Humidity: 5%~90% (non-condensing)
Dimension	Card : 115mm (W) × 78mm (D) Standalone : 156mm (W) × 128mm (D) × 32mm (H)

Product Application



Order Information

Model No.	Descriptio
OP-OEO-XFP-XFP-10G-3R-C	10Gbps XFP toXFP Converter Card
OP-OEO-XFP-XFP-10G-3R-S	10Gbps XFP to XFP Standalone
OP-OEO-SFP+-SFP+-10G-3R-C	10Gbps SFP+ to SFP+ Converter Card
OP-OEO-SFP+-SFP+-10G-3R-S	10Gbps SFP+ to SFP+ Standalone
OP-OEO-SFP+-XFP-10G-3R-C	10Gbps SFP+ toXFP Converter Card
OP-OEO-SFP+-XFP-10G-3R -S	10Gbps SFP+ to XFP Standalone

Contact OPTOSTAR



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