DATASHEET

2 Ports XFP/SFP/SFP+ 10G WDM Transponder OEO 3R Repeater

OTN Solutions for Metro, Regional & Long Haul

Description

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.

Key Features

- 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

Product Specifications

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	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 ℃
	StorageTemp: -10~ 70 ℃
	Humidity: 5%~90% （non-condensing）

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Germany

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China

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