DATASHEET

2 Ports SFP 125M~4.25G WDM Transponder OEO 3R Repeater

OTN Solutions for Metro, Regional & Long Haul

Description

Standalone 125M~4.25G OEO Converter (3R Repeater) with SFP Slot to SFP Slot, 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.
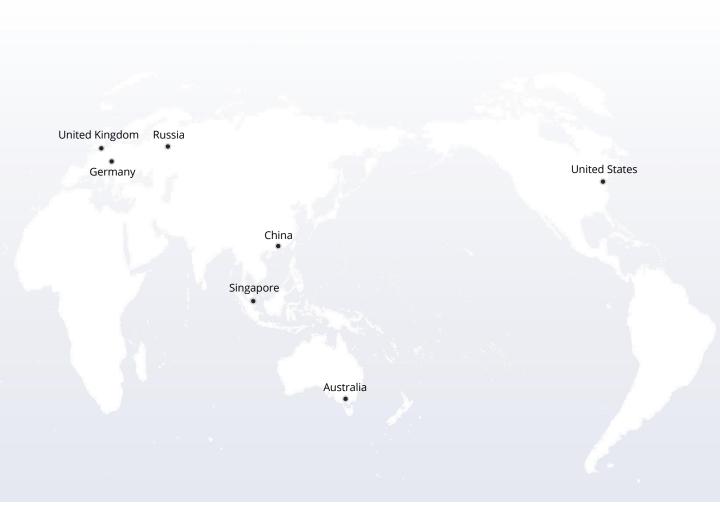
Key Features

- Support 2U Rack （16 Slots） and independent use
- Support network management （Web SNMP, Console）
- Support in-band management
- Support ITUT prescribed DWDM/CWDM wavelength
- Transmission rate: 125Mbps~4.25Gbps
- 3R function
- Support Jumbo Frame
- Transparent transport and very low delay
- Support DMI function for SFP 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
Access Type / Transmission Speed	Fast Ethernet
	STS-3/STM-1
	ESCON/SBCON
	STS-12/STM-4
	1×Fiber Channel
	Gigabit Ethernet
	2×Fiber Channel
	STS-48/STM-16
	2.5 InfiniBand or PCI Express
	4×Fiber Channel
Interface Type	SFP to/from SFP
Transmission Distance	Up to SFP module （Max 80Km）
Local SFP	Support SFP/CWDM/DWDM, specific optical parameters please refer different modules's parameters
Remote SFP	Support SFP/CWDM/DWDM, specific optical parameters please refer different modules's parameters
Power Requirement	Rack-mountable : AC 85 ～ 220V OR
	DC -48V dual-supply,optional
	Standalone: AC 220V OR -48V
	Power Consumption: ≤ 3W
Work Environment	Operating Temp: 0 ～ 50 °C
	Storage Temp: -10 ～ 70 °C
	Humidity: 5%~90% （non-condensing）
Dimension	Card : 115mm （W） × 78mm （D）
	Standalone: 156mm （W） × 128mm （D） × 32mm （H）
Performance Data	Technical Indexes

United Kingdom

Russia

Germany

United States

China

Singapore

Australia

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