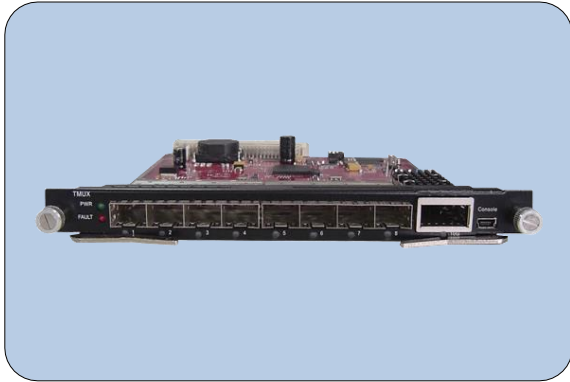




X6500-TMUX-10G

Optical Transport 10G Muxponder Module



Product line X6500 overview

Product line X6500 is the XenOpt most cost effective offer of a complete line of managed Data Transport System Equipment and WDM (Wavelength-Division Multiplexing) solutions for service providers, content delivery networks, data centre operators, internet exchanges, cloud service providers, and others. Applications in point to point or fixed point to multipoint connections range from enterprise networks to data and storage area interconnect, from regional backbones to campus rings. Services from simple digital carrier signal transmission, signal regeneration, service demarcation to complex distributed multiplexed multirate up to 10 Gbp solutions can be offered with a variety of hardware platforms and managed by intelligent and open control and management software.

X6500 family is a generation of fully integrated fibre transmission platform. It offers a full range of solutions including:

- High density short and long distance connectivity from 100M to 10GE,
- Optical multiplexing and de-multiplexing (DWDM - Dense WDM, CWDM - Coarse WDM),
- Optical add/drop, including custom solutions,
- Optical signal amplification (EDFA - Erbium-Doped Fibre Amplifier),
- Fibre optimization and protection (OLPS - Optical Line Protection System),
- Distance extension with amplification or digital signal regeneration,
- Network demarcation and OEO (Optical-Electrical-Optical) media conversion,
- Supports single or dual fibre transport solutions.

It is a fully modular product series that integrates a range of optical transport modules supporting wide range of variable speed interfaces and protocols in selection of chassis sizes for simple and flexible operations. All of these modules are hot pluggable, allowing simple maintenance procedures.

X6500-TMUX-10G overview

X6500-TMUX-10G is the muxponder of 8 x 1.25G traffic into 1 x 10G interface, which can significantly save room for DWDM modules and fibre resources, strengthen the stability, as well as save cost.

A Management Card X6500-SC module that may be installed in dedicated slot 1 allows remote configuration and monitoring of all chassis and module parameters (temperature, fan status, and power supply, inventory ...) and network status.

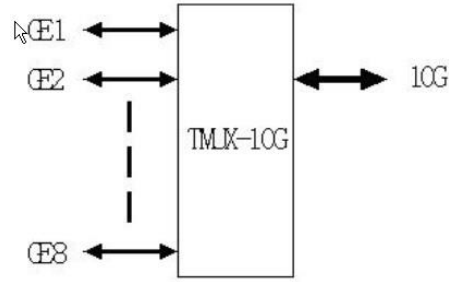
Features:

- It provides 8 standard SFP slots and 1 XFP slot;
- 8 GE ports at the client side are isolated from each other;
- It supports statistics on error packet of each port;
- It supports loopback setting of the client side and the line side;
- It supports SNMP network management;
- It adopts time-division multiplexing technology

Product Highlights

- Transmission Rate:
 - Client Side: 1000BaseFX, 1000BaseTX
 - Line Side: 10.3Gbps in private frame format
- Transmission Interface:
 - Client Side: 8 pluggable SFP
 - Line Side: 1 pluggable XFP
- Operating Environment
 - Temperature: -10 to 50 °C
 - Humidity: 5 to 95%
- Power Consumption
 - Power Consumption of Boards: <15W

Data Flow:



X6500-TMUX-10G specifications

Warranty

- Limited lifetime warranty

Ordering information

Part Number	Product Description
X6500-TMUX-10G	Optical Transport System 10G Muxponder Module
Other X6500 family products	
X6500-I	Optical Transport System 1 U 4 Slot Chassis
X6500-II	Optical Transport System 2 U 8 Slot Chassis
X6500-V	Optical Transport System 5 U 18 Slot Chassis
X6500-SC	Optical Transport System Management Module
X6500-SFP+	Optical Transport System Transponder SFP+
X6500-10G	Optical Transport System Dual Transponder Module with FEC
X6500-OLP	Optical Transport System Fibre Protection Switch
X6500-OLP-BIDI	Optical Transport System Fibre Protection Switch Bidirectional

For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice. XenOpt does not guarantee errorless or outdated information.

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www.xenopt.com