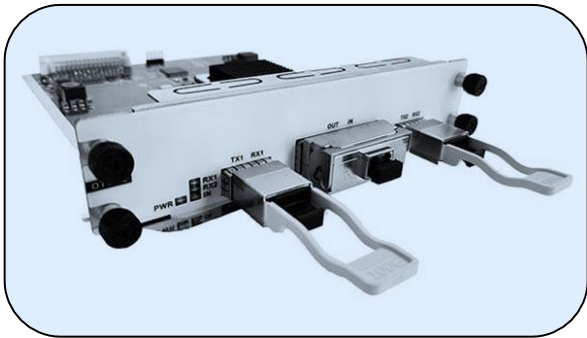




X86-OTMT2

XenOpt X8600 OTMT2

200G Muxponder



Features

- The 200G Muxponder service card supports 2x100G↔200G electric layer multiplexing/demultiplexing,
- Converted to a 200G WDM standard wavelength optical signal
- DP-8QAM or DP-16QAM modulation mode
- Maximum of 800 km of no electrical relay transmission
- Support C-band 96 wave (50 GHz) tunable
- Power consumption 30 W

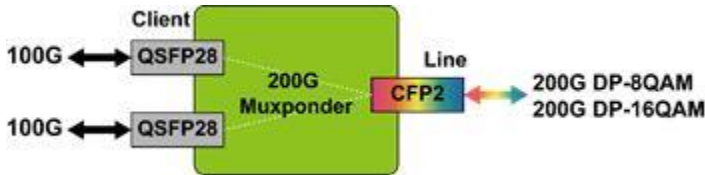
Applications

- 2-channel 100G into 200G OTN Muxponder

Description

The 200G Muxponder service card supports 2x100G↔200G electric layer multiplexing/demultiplexing, and converted to a 200G WDM standard wavelength optical signal, so as to facilitate the wavelength division multiplexing of optical signals of different wavelengths by the wave combining unit, and realize the inverse process of the above process. The line side adopts DP-8QAM or DP-16QAM modulation mode, coherent reception and other advanced technologies to overcome the challenges of high-speed transmission system for OSNR requirements, Cd tolerance, PMD tolerance and non-linear transmission physical effects. It can achieve a maximum of 800 km of no electrical relay transmission, and support C-band 96 wave (50 GHz) tunable.

Function Structure



Technical Specifications

Parameter	Note
Interface	<ul style="list-style-type: none"> Client side interface: 2, pluggable based on QSFP28 Line side interface: 1, pluggable based on CFP2, coherent DP-8QAM or DP-16QAM
Line mode	Support 2*100G service optical signals to be multiplexed into 1*200G DWDM standard wavelength optical signal
Relay mode	Support 200G wavelength electrical relay
Support service type	<ul style="list-style-type: none"> 100GE OTU4
WDM technology	Support DWDM: C-band 50 GHz 96 wave tunable
FEC technology	Support SDFEC and G.709 FEC
Occupied slot number	Support OTNS8600 series chassis, occupy 2 slots
Network management function	<ul style="list-style-type: none"> Support real time monitoring of the port working state, including: transmitting optical power and receiving optical power, temperature, etc. Support port loopback and port shutdown
Power consumption	30 W (include the optical transceiver)
MTBF	>100000 hours

Ordering information

Part number	Product Description
X86-OTMT2	XenOpt X8600 OTMT2 200G Muxponder

Notes

¹ For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice.

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by XenOpt before they become applicable to any particular order or contract. In accordance with the XenOpt policy of continuous improvement specifications may change without notice.

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