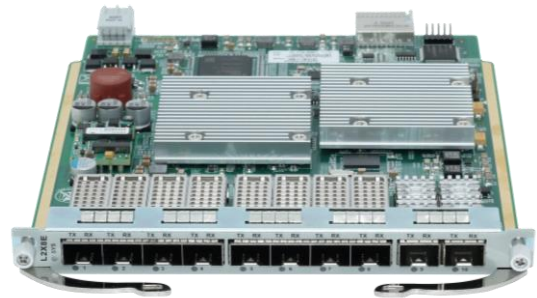


STN6200-L2X8E

Overview

STN6200-L2X8E is one high density 10G OTN Muxponder card with Ethernet switch functionality integrated, which is suitable for STN6200 platform including 1U/2U/5U. It integrates 2 ports OTU2 or OTU1 in the system side and 8 ports on the client side which flexibly support mixed GE/FE/STM-1/STM-4/STM-16 applications, it adopts the advanced technology and ASIC chip, and it is fully compliant with ITU-T standard, such as G.709, G.798, etc. STN6200-L2X8E is suitable for Metro Access and Metro Aggregation optical transport network.



Physical Characteristics

Characteristics	Description
Card Dimensions (W*D*H)	186mm*215mm*20mm
Client Interface	8 ports GE or FE
System Interface	2 ports OTU2 or OTU1
Environment	Working temperature: -5°C~50°C Storage temperature: -40°C~70°C Relative humidity: 10%~90%, no condensing
Application Environment	Support in STN6200 platform including 1U/2U/5U
Typical Power Consumption	50W

Technical Specification

Features	Description
System Side Signal and Multiplexing Structure	WDM port: OCh <-> OTU2 <-> ODU2 <-> ODU1 or ODU0 or mixed ODU0/ODU1 or

Features	Description
	<p>OCh <-> OTU1 <-> ODU1 <-> ODU0 or OCh <-> OTU1 <-> ODU1</p> <p>Grey port: OTU2 <-> ODU2 <-> ODU0 or ODU1 or mixed ODU0/ODU1 or OTU1 <-> ODU1 <-> ODU0 or OTU1 <-> ODU1</p>
Client Side Signal and Mapping Mode	<p>FE (via GMP or GFP-F) <-> ODU0</p> <p>GE (via GMP+TTT/GFP-T or GFP-F) <-> ODU0</p> <p>STM-1/STM-4 <-> ODU0</p> <p>STM-16 <-> ODU1</p> <p>OTU1 <-> ODU1</p>
FEC on System Side	<p>OTU2: G.709 GFEC or EFEC I.4 or EFEC I.7 or OTU1: G.709 GFEC</p>
In-band DCN Management	<p>GCC0 on OTU2 or OTU1</p> <p>GCC1 or GCC2 or GCC1+2 on ODU2 or ODU1</p> <p>GCC1 or GCC2 or GCC1+2 on ODU0</p>
Transmission Protection	<p>SNC/N, SNC/I, SNC/S</p> <p>LAG1+1</p>
EPL	Support Ethernet-based private line services
EVPL	Support multipoint Layer 2 aggregation and convergence. Support forwarding L2 switching.
LAG	Support Ethernet port link aggregation
Flow Control	Support IEEE 802.3x flow control
QoS	Support Qos based on port or port plus VLAN service
Rate-limiting	Support rating-limiting based on port or port plus VLAN service
Ethernet OAM	Support traffic-level performance monitoring and alarm detection for Ethernet traffic
Network Management System	SNMP based NMS