

MCCC2

Muxponder 2x100G to 200G uplink

Main Features

- Layer 1 Muxponder
- Low latency Design
- Line side bit rate: 200G OTUC2
- Support forward, loopback
- Pay-as-you-grow architecture based on pluggable module
- Comprehensive line and service performance monitoring
- Easy maintenance with field-replaceable parts
- Support CLI, Telnet, SNMP GUI NMS Danriver iCEO C/S

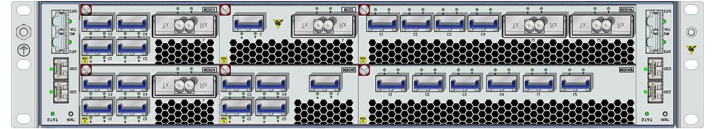


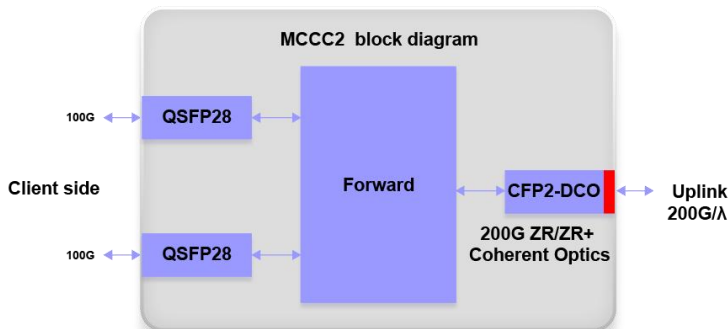
Figure 1: MCCC2 Board Card

Benefits

- Save cost, very Low cost Per Gbit
- Managed service platform OTX1600
- Modular and cost-effective for future growth and maintenance access

Description

In 100G configurations where low cost multiplexing and bandwidth utilization are important factors, MCCC2 open muxponder is the ideal solution. Equipped with 200G CFP2-DCO, the MCCC2 is the ideal product for multiplexing 100G services in a cost-efficient way at the subscriber premises. The MCCC2 has support for 2 x 100G with QSFP28 on the client side and 1 x 200G with CFP2-DCO on the line side. MCCC2 diagram below:



Applications

- DWDM DCI Networking

Technical Specifications

Client Interface	MCDC4	MCCC2
Density	4	2
Client Formats	100GbE, OTU4	
Optical interface	Hot pluggable QSFP28	
Wavelength	850nm/1310nm/CWDM4	
Optical Reach	100G QSFP28 SR4/LR4/CWDM4/ER4 Lite/ER4	
Line Interface (Uplink)		
Density	1	
Line side Capacity	400G OTUC4 hardware ready	200G OTUC2
Optical interface	Hot pluggable CFP2-DCO	
Wavelength	C-Band DWDM, 96 channels grid-less Tunable	
Modulation	16 QAM	
Optical Reach	400km	
FEC	SD-FEC	
Configuration		
Operation mode	Forward, loopback	
Test	PRBS	
Run Mode	Transmitter on, off, Automatic laser shut-down (ALS)	
Performance Monitoring		
Visual Indicators	LED status indicators for: client and line ports, STAT of line card	
Optical Monitoring	Optical PM for all all optical ports, Layer-1 PM, OTN PM, Chromatic dispersion, SNR, link status, etc	
OAM	Event logs Alarms	
Physical feature		
Package options	Plug-in board	
Platform	OTX1600	
Slot assignment	Any slot except for Slot 9,10	
Environment		
Operating Temperature	-5°C to 50°C	
Storage	-20°C to 85°C	
Humidity	5% ~ 85% RH non-condensing	
Power Supply		
Power Input	DC -48V input from backplane	
Power Consumption	< 50	
Compliance		
Standards	RoHS 5/6	