



F520 200G Muxponder 2*100G QSFP28 to 1*100/200G CFP2

Part Number: F520-OTU2Q1D



Overview

OTU2Q1D Muxponder integrates OTN FEC capability on the transponder for long-distance transmission and applications requiring ultra-low bit error rates. It supports two QSFP28 100G client-side interfaces and one CFP2 100/200G line-side interface for 100/200Gbps transmission. With the advanced Coherent (with CFP2-DCO module) and FEC technology, it fulfills various kinds of high-capacity, long distance and superior-performance transmission tasks.

Applications

- Metro DWDM distance extension
- Long-Haul transmission system
- Signal Repeating
- Media Conversion
- Lambda Conversion

Features

- Client side: 2*100G QSFP28
- Line side: 1*100/200G CFP2
- Hot Swap
- Support Line-side GFEC (G.709 RS-FEC), EFEC and SDFEC (depends on CFP2-DCO module)
- Support Client-side 100GE RS(528,514) FEC
- Dispersion Tolerance up to 40000ps/nm (depends on CFP2-DCO module)
- Support adjustable wavelength with CFP2-DCO module
- Support adjustable output power with CFP2-DCO module
- Support OSNR real-time monitoring with CFP2-DCO module
- Support port Loopback test
- Hot Swap
- Real-Time DDM
- Support ALS (Automatic Laser Shutdown)
- Support all F520 Chassis



Specification

Parameter		Technical indicators	Unit
Data Rate		100/200	Gbps
CFP2-DCO DWDM Wavelength		1529.5 ~1565.50	nm
Interface Type	Client Side	2*100G QSFP28	
	Line Side	1*100/200G CFP2	
Line-side FEC (Gain / Delay / BER Threshold)	GFEC (G.709 RS-FEC)	6.2dB / 1.2 μ s / 8.5e-2	
	EFEC	9.4dB / 16 μ s / 3.6e-2	
	SDFEC-LOW-LATENCY-SD2	10.6dB / 9.4 μ s / 1.40e-2	
	SDFEC-LH-SD2	9.4dB / 7.9 μ s / 1.01e-2	
	SDFEC-LOW-LATENCY-SD0	10.8dB / 9.4 μ s / 1.56e-2	
Management		TELNET, SNMP, WEB	
Power Consumption		< 50	W
Size		191(W) x 253(D) x 41(H)	mm
Operating Temperature		-10 ~ 60	°C
Storage Temperature		-40 ~ 80	°C
Relative Humidity (no condensation)		5 ~ 95	RH%

Ordering Information

Part No.	Description
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