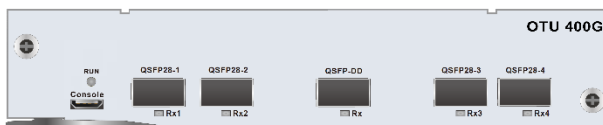




F520 400G Muxponder 4*100G QSFP28 to 1*400G QSFP56-DD

Part Number: F520-OTU400G-4Q1Q



Overview

OTU400G-4Q1Q Muxponder integrates OTN FEC capability on the transponder for long-distance transmission and applications requiring ultra-low bit error rates. It supports four QSFP28 100G client-side interfaces and one QSFP56-DD 400G line-side interface for 400Gbps transmission. With the advanced Coherent (with QSFP56-DD 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: 4*100G QSFP28
- Line side: 1*400G QSFP56-DD
- Support Line-side Multi-Rate 100/200/300/400G (depends on QSFP56-DD DCO module)
- Support Line-side oFEC
- Support Client-side 100GE RS(528,514) FEC
- Dispersion Tolerance up to 20000ps/nm @400G (depends on QSFP56-DD DCO module)
- Support adjustable wavelength with QSFP56-DD DCO module
- Support adjustable output power with QSFP56-DD DCO module
- Support OSNR real-time monitoring with QSFP56-DD 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		100/200/300/400*	Gbps
QSFP56-DD DCO DWDM Wavelength		1529.5 ~1565.50	nm
Interface Type	Client Side	4*100G QSFP28	
	Line Side	1*400G QSFP56-DD	
Line-side FEC (Gain / Delay / BER Threshold)	oFEC (Open FEC)	11.1dB / 0.3μs / 2e-2(Pre FEC)	
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
F520-OTU400G-4Q1Q	400G Muxponder 4*100G QSFP28 to 1*400G QSFP56-DD