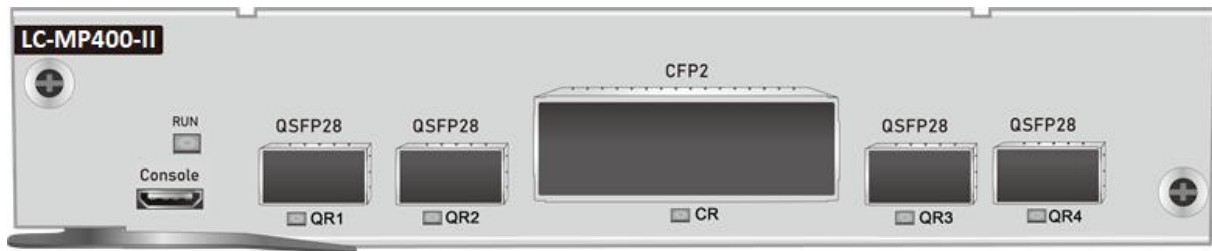




4x100G to 400G Muxponder

LC-MP400-II

The 400G Muxponder Transmitter supports four QSFP28 client interface and one CFP2 line-side interface to support single-channel 400Gbps large-grain data transfers. The industry's most advanced coherent technology and FEC forward error correction coding technology enable high-capacity, long-distance high-performance transmission.



Function

- Media conversion
- Signal repeating
- Lambda conversion

Highlight

- Support single channel 400Gbps
- Client Side: 4x QSFP28 module
- Line Side: CFP2 400Gbps coherent module
- Ultra-long-distance transmission: FEC technology can be used to achieve 1000km transmission without regeneration
- Large dispersion tolerance: 20000ps.nm
- Support port loopback test
- Support 80 channel wavelength tunable

DWDM.ME's 400G Muxponder includes integrated OTN FEC capability on the transponder, allowing operation over longer distances or in applications requiring ultra-low bit error rates.

The 400G Muxponder offer a choice of pluggable QSFP28 Client Side Optics and CFP2-DCO Coherent DWDM Line Side Optics based on distance and capacity requirements.

The Coherent DWDM Optics are the most technologically advanced and offer benefits on dispersion management, signal reach, and other optical properties. Coherent DWDM Optics can greatly increase the capacity and reach of an optical network, The 400G Muxponder models fits for MU Series MU-70-ACDC, MU-180-ACDC, MU-380-ACDC Chassis.

Performance Parameter

System Parameter		Technical Indicator
Center Wavelength		DWDM 1529.5~1565.50nm
Data Rate		400Gbps
400G Interface	Client Side	4xQSFP28 module
	Line Side	CFP2 400Gbps coherent module
FEC (gain, delay, BER threshold)	200G-QPSK, 20% SDFEC, 2x100G	Rx OSNR Tolerance: 13.8dB
	200G-16QAM-PS, 20% SDFEC, 2x100G	Rx OSNR Tolerance: 15.8dB
	400G-16QAM-PS, 20% SDFEC, 4x100G	Rx OSNR Tolerance: 21dB
NMS		TELNET, SNMP, WEB
Size		191 (W) x 253 (D) x 42 (H) mm
Environment	Operating Temperature	-10℃ ~ 60℃
	Storage Temperature	-40℃ ~ 80℃
	Relative Humidity	5% ~ 95% Non-condensing
Power Consumption		≤50W

Ordering Information

Model	Function	Protocols	Client Side	Line Side
LC-MP400-II	4xQSFP28 to CFP2-DCO 400G Coherent Module Muxponder	LAN or WAN PHY: 100Gbps	QSFP28x4	CFP2-DCO

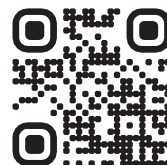


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