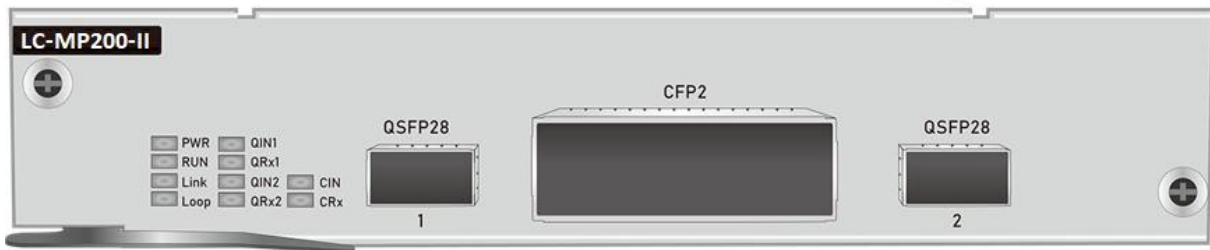




# 2x100G to 200G Muxponder

## LC-MP200-II

The 200G Muxponder Transmitter supports two QSFP28 client interface and one CFP2 line-side interface to support single-channel 200Gbps 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 200Gbps
- Client Side: 2x QSFP28 module
- Line Side: CFP2 200Gbps coherent module
- Ultra-long-distance transmission: FEC technology can be used to achieve 1500km transmission without regeneration
- Large dispersion tolerance: 40000ps.nm
- Support port loopback test
- Support 80 channel wavelength tunable

DWDM.M's 200G Muxponder includes integrated OTN FEC capability on the transponder, allowing operation over longer distances or in applications requiring ultra-low bit error rates.

The 200G 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 200G 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		200Gbps
200G Interface	Client Side	2xQSFP28 module
	Line Side	CFP2 200Gbps coherent module
FEC (Gain, Delay, BER Threshold)	DP-QPSK-OFEC-100GE-100G	OSNR Tolerance: 12.5dB
	16QAM-OFEC-100GE-200G	OSNR Tolerance: 20dB
	DP-QPSK-OFEC-100GE-200G	OSNR Tolerance: 14dB
NMS		TELNET, SNMP, WEB
Size		191 (W) x 253 (D) x 42 (H) mm
Environment	Operating Temperature	-10°C ~ 60°C
	Storage Temperature	-40°C ~ 80°C
	Relative Humidity	5% ~ 95% Non-condensing
Power Consumption		≤50W

## Ordering Information

Model	Function	Protocols	Client Side	Line Side
LC-MP200-II	2xQSFP28 to CFP2-DCO 200G Coherent Module Muxponder	LAN or WAN PHY: 100Gbps	QSFP28x2	CFP2-DCO

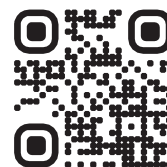


DWDM.ME  
Your optical mind

E-mail:  
sales@dwdm.me  
support@dwdm.me

Phone number:  
+372 501 9216

12915 Tallinn,  
Estonia



Contact us:  
dwdm.me