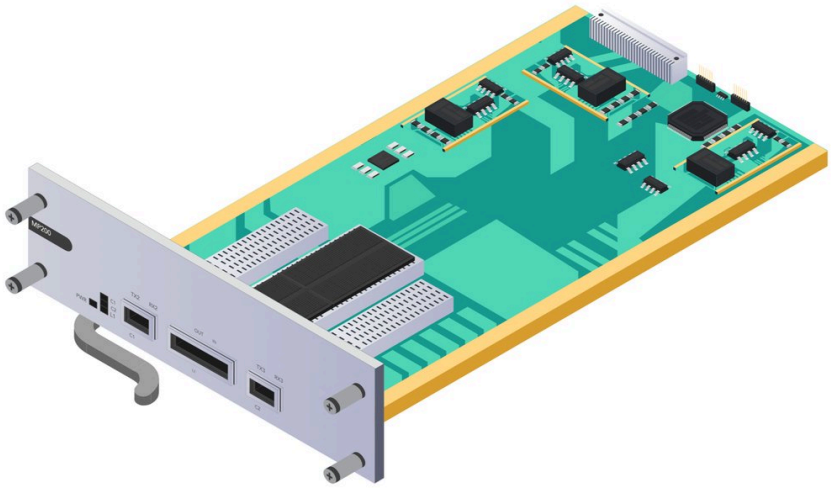
nex·gen

OTN SYSTEMS WDM PLATFORMS

200G Coherent Muxponder, 2×100G to 200G (CFP2) for WDM Chassis

This 200G coherent muxponder service card multiplexes two 100GE or OTU4 clients onto a single 200G coherent line wavelength over a pluggable CFP2 DCO, with programmable 100G/200G line rate and full C-band tunability for long-haul DWDM transport. The two-slot card fits across the OTN WDM chassis range.



HIGHLIGHTS

2×100G to 200G aggregation

Multiplexes two 100GE or OTU4 clients onto one 200G coherent line wavelength, doubling the capacity carried per DWDM channel.

Programmable coherent line

A pluggable CFP2 DCO delivers programmable 100G/200G operation with C-band tunability (191.35–196.1 THz) and adjustable launch power for long-haul reach.

Flexible, service-rich client access

Two pluggable QSFP28 client ports carry 100GE, 100GE RS-FEC and OTU4, with line- and client-side loopback for fast turn-up and testing.

Deep performance visibility

Monitors OSNR, pre-FEC and uncorrectable BER, dispersion and differential-group-delay metrics, optical-module health, and OTU- and Ethernet-layer performance, with ALS and delayed alarm insertion.

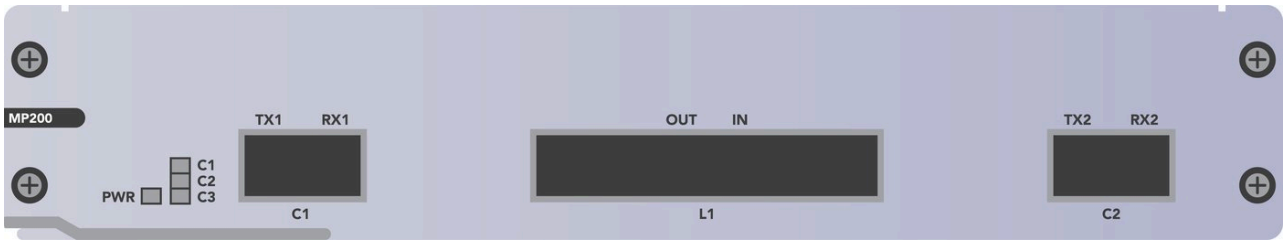
Fits your existing chassis

A two-slot card compatible across the OTN WDM chassis range, drawing just 36 W with the optical module fitted.

FUNCTIONAL STRUCTURE



FRONT PANEL



FORMAT

CARD FOR WDM CHASSIS 2 SLOTS

SPECIFICATIONS

LINE SIDE	
Interface	1 × CFP2 DCO, pluggable
Line Rate (Programmable)	100G / 200G
Tunable Range	191.35–196.1 THz (C-band)
Output Power (Adjustable)	Adjustable, range depends on optical module
CLIENT SIDE	
Interfaces	2 × QSFP28, pluggable
Client Capacity	2 × 100G
Supported Services	100GE, 100GE RS-FEC, OTU4
OAM & MONITORING	
Loopback	Line-side and client-side
ALS	Automatic laser shutdown / restart on client input
Alarm Delayed Insertion	Supported, with configurable delay time
Performance Monitoring	OSNR, pre-FEC & uncorrectable BER, dispersion compensation and differential group delay, optical-module temperature/current/voltage/power, OTU- and Ethernet-layer PM
MECHANICAL & POWER	
Slots Occupied	2 (compatible with all OTN WDM chassis)
Maximum Power Consumption	36 W (with optical module)

ORDERING INFORMATION

NAME	200G Coherent Muxponder, 2×100G to 200G (CFP2) for WDM Chassis
DESCRIPTION	200G coherent muxponder card, 2 slots. Multiplexes 2×100GE onto a single 200G coherent line (CFP2 DCO), programmable 100G/200G with C-band tunability; 2×QSFP28 clients; supports 100GE and OTU4 services.
PART NUMBER	**WDM-MP-CFP2-200G-2x100G-2S**

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