800G Muxponder

Variants

100G*8

Details

800G Muxponder Service Board – P716

The P716 800G Muxponder Service Board is designed for high-capacity DWDM transmission systems, supporting flexible 400G to 800G services. It provides advanced optical performance, monitoring, and multi-service aggregation for modern telecom and data center networks.

Technical Specifications

Category	Details
Occupied Slot	2 slots
Line-side	1 × OSFP optical port (800G OSFP DCO, pluggable) Adjustable wavelength: 191.25 ~ 196.1 THz Adjustable transmit power (module dependent) Supports 400G to 800G programmable transmission
Client-side	2 × QSFP-DD / QSFP28 compatible ports 6 × QSFP28 optical ports (pluggable)
Supported Services	400 GbE, 100 GbE
Loopback	Supports internal and external loopback (line-side & client-side)

LLDP	Receive mode only
ALS	Supported on client-side
Alarm Delay	Supports local fault alarm delay insertion and configuration
Monitoring	Line-side and client-side alarm & performance monitoring Ethernet RMON monitoring Optical module monitoring (temperature, current, optical power) Telemetry support
Power Consumption	< 120 W

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