DWDM/OTN for Data Center Interconnect

Challenges

- Connectivity between multiple remote offices or data centers
- Delivery of high-capacity, low-latency private fiber optic networks
- Comprehensive, high-level data security and compliance with encryption and privacy regulations
- Data and storage (Fibre Channel) synchronous replication
- High network availability with full hardware redundancy
- Achieving low OPEX backbone that is easy to maintain and grow

Solution

- Build high capacity DWDM backbone network
- Transport up to 800G over single wavelength
- Expand business opportunities by offering a flexible mix of services
- Secure connectivity and storage for all data with Layer-1 encryption
- Achieve low OPEX with 1U devices and minimal power consumption
- Benefit from quick and easy expansion with pay-as-you-grow scalable architecture
- Reduce hassle with equipment that is easy to deploy and operate

Industries

DCI

Finance

Government

Broadcast

Enterprise

Education

Carriers

Cloud Providers

Products for This Solution

800G

PL-8000M
1.6T | 2x800G Muxponder

PL-8000G
8T | 10x800G Transponder

400G

PL-4000M
600G | 400G/2x300G Muxponder

PL-4000T
1.6T | 4x400G Transponder

PL-4000G
4.8T | 12x400G Transponder

200G

PL-2000GM
200G | 2x100G Muxponder

PL-2000T
800G | 4x200G Transponder

PL-2000ADS
200G | 2x100G Muxponder
short haul

Main Features

- Scalable 10G/100G/200G/400G/800G networks
- Integrated mux/demux, optical amplifiers, and optical switch
- Encryption per service or per uplink
- Supported services: 1/10/25/40/100/400/800GbE, 8G/16G/32G FC
- Flexible mix of client services and rates
- Supports protected ring and point-to-point topologies

Layer-1 Encryption

Low Power Consumption

1U Rack Mount

Mix of Services

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