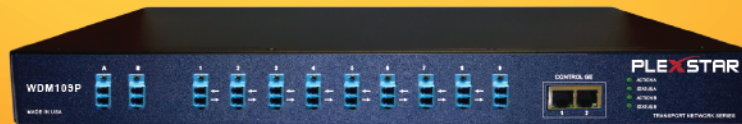


Next Generation Transport Network



4G WDM solution

PLEXSTAR WDM 109P

Plexstar WDM 109P is an active WDM device. It provides huge capacity for point-to-point (P2P) connectivity. The device is ideally suited to convert a single fiber into 9 virtual fibers. It also provides 1+1 Multiplex Service Protection (MSP) between two points. It is easy to deploy and operate. Power failure does not affect ongoing service of WDM109P until a fiber cut incident occurs. The device has a very low life cycle cost. WDM 109P also provides flexibility in transmitting multi-protocol data through the same fiber.

Product Highlights:

- Supports up to 9 lambdas
- P2P maximum capacity: 90G
- P2P Automatic Protection Switching (APS): Available: 1+1 MSP
- Distance covered: Up to 120 km
 - Available transponder types: 15 km, 20 km, 40 km, 60 km, 80 km, 120 km
- Max 4G per lambda:
 - 1.25G for Gigabit Ethernet transport
 - 1.25G to 4G for POS transport
 - 622M for STM4
 - 2.5G for STM16
 - 4G for Fiber Channel
- Inter-operability: Alcatel, Cisco, Juniper, Huawei, ZTE, Plexstar and so on
- Protocol independent device

Models:

- WDM105P- 5 lambdas, WDM109P- 9 lambdas

Power:

- Input power: 110/220VAC or -48VDC
- Power consumption: 8 watts

Physical Dimension:

- Size: 19" X 11" X 1U

Other Features:

- Compact 1U chassis
- Operating temperature 0°C to 50°C
- Can run at room temp. No extra cooling required
- No cross talks between lambdas