

AJC GigE EPL (ETHERNET PRIVATE LINE) CAPACITY

TECHNICAL SUMMARY

General

- EPL (Ethernet Private Line)
- AJC EPL provides 1GbE point to point Ethernet that generally meets standard IEEE 802.3-2005 (Part 3)

System Parameters

- Transmission Capacity
- 9,953.280Mbit/s (STM-64) per wavelength
- Multiplex Configuration
- SDH (ITU-T Rec G.707)
- Protection Switching (HS Side)
- 1:n Wavelength Protection (n currently 6)
- Protection Switching (LS Side)
- Nil
- Preemption by Protected Traffic
- Nil (Non-Preemptive)

Interface Parameters

- SDH Platform
- ALU 1675
- Circuit Pack
- GE10PL1
- Interface
- 1000Mbit/s
- Media Access Unit
- 1000BASE-X
- Duplex Mode
- Full
- Auto Negotiate
- Enabled
- SDH Mapping
- VC4
- Maximum Frame Size (bytes)
- 9224
- LCAS
- Enabled
- Flow Control (Pause Operation)
- Enabled
- Interface
- 1000BASE-LX
- Cable Media
- Optical
- Cable Specification
- 1270-1355nm SMOF
- Connector Type
- LC
- Minimum Distance
- 5km
- Tx Power
- -3 to -11dBm
- Rx Power
- -3 to -19dBm

Availability

- Intrinsic Equipment Design
- Target 99.993% availability (one outage of up to four hours per six years), excluding wet segment events.