

AJC 2.5G CLEAR CAPACITY

TECHNICAL SUMMARY

General

- 2.5G Clear Capacity
- AJC wavelengths are 10Gbit/s however a “2.5G Clear” capability is available using virtually concatenated SDH. It should be noted that 2.5G Clear is technically a Clear STM-16 whereby the SDH overhead bytes are not changed.

System Parameters

- Transmission Capacity
- 9,953.280Mbit/s (STM-64) per wavelength
- Multiplex Configuration
- Implemented using 17xVC4 under 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

- Circuit Pack
- ALU Clear STM-16 interface OPT2G5
- Interface
- OM2G5/1.3LR1
- Wavelength
- 1310nm
- Tx Power
- +2dBm
- Minimum Range
- 40km

Availability

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