

AJC STM-N PROTECTED CAPACITY

TECHNICAL SUMMARY

System Parameters

Transmission Capacity	<ul style="list-style-type: none">9,953.280Mbit/s (STM-64) per wavelength
Multiplex Configuration	<ul style="list-style-type: none">SDH (ITU-T Rec G.707)
Protection Switching (HS Side)	<ul style="list-style-type: none">4 Fibre Type Ring APS Trans Oceanic Type (ITU-T Rec G.841)Maximum Switching Time is 300msec or less in a single failure in the whole network
Protection Switching (LS Side)	<ul style="list-style-type: none">1:1 or 1+1c MSP Bi-Directional for STM1, STM-4, STM-16, STM-64* (* Not currently equipped)Switching Time is 60msec or less for one channel.

STM-N Interfaces

STM-1 according to G.707 and G.958 (155.520 Mbit/s)	<ul style="list-style-type: none">Optical Interface conforming to S-1.1 application code of ITU-T Rec G.957.Mapping Structure: AU-4
STM-4 according to G.707 and G.958 (622.080 Mbit/s)	<ul style="list-style-type: none">Optical Interface conforming to S-4.1 application code of ITU-T Rec G.957.Mapping Structure: AU-4 or AU-4-4 (four concatenated AU-4's)
STM-16 according to G.707 and G.958 (2488.32 Mbit/s)	<ul style="list-style-type: none">Optical Interface conforming to S-16.1 application code of ITU-T Rec G.957.Mapping Structure: AU-4 or AU-4-4 (four concatenated AU-4's) or AU4-16c (sixteen concatenated AU-4's)
STM-64 pending user requirement	

Availability

Intrinsic Equipment Design	<ul style="list-style-type: none">100% available (no outages or ten consecutive seconds or more), excluding wet segment events.
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