

AJC STM-N PROTECTED CAPACITY

TECHNICAL SUMMARY

System Parameters

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| 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

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| 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

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| 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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