Flexible Configurations

Terminal multiplexer (TRM): aggregates STM-1 and 2/34 M bps tributaries

FLX 150T is ideal for a point-to-point STM-1 link and can also be used to provide additional 2/34 M bps tributary access.

Main Features

- Flexibility and upgradability (including in-service)
- Modular plug-in unit design
- High survivability against transmission failures (protection of equipment and traffic at the line and unit levels)
- Compact shelf (height: 500 mm)
- Quick and easy downloading of software upgrades from the network management system
- Alarm and performance reporting to the management system
- Efficient maintenance operation using orderwire, housekeeping, and 64 kbps user channel

Flexibility and Survivability for SDH-Based Network Services

FLX150T is a dual STM-1 terminal multiplexer which combines 2 M bps and/or 34 M bps tributaries into two STM-1 lines and serves as a tributary shelf for our FLX150/600, FLX600A, and FLX2500A add/drop multiplexers.

The FLX network can be managed efficiently and cost effectively using FLEXR® Plus or FLEXR® management platforms. This can be done remotely using an X.25 link or an LCN, or locally using a direct connection.
Features and Specifications

Aggregate Capacity
2 x STM-1 electrical/optical

Tributary Capacity
Number of interface ports/unit: 2M: 21
34M: 3

Maximum number of each interface port: 126 x 2M, 6 x 34M

With minor restrictions, it is possible to mix different types of tributaries within a single shelf allowing up to 2 x STM-1 capacity in total.

Protection
Unit protection 2M (3:1)/34M, STM-1 elect. (1+1)
Traffic 1+1 M SP protection: STM-1 optical

Synchronization interfaces
2.048 Mbps: ITU-T G.703 or 2.048 MHz: ITU-T G.703

Network Management Interfaces
Local terminal interface V.24, N MS
N MS interface X.25/LCN

Input Voltage Range
-48/-60 V DC nominal

Power Consumption
Max. 250 W

Shelf Dimensions
500 (H) x 450 (W) x 280 (D) mm

Temperature Range
-40 to 65˚C

Relative Humidity
Up to 95% at 25˚C

Specifications subject to change without notice.