

STM1/E1 Multiplexer

The iSAP5100 is a 4.5U, 19" rack type STM1 / E1 Time Division Multiplexer for fractional E1 network access.

There are 18 slots available for hot-swappable iSAP5100 I/O cards. Two slots are provided for CPU Controller cards and two slots are provided for power supplies. Uplink supports STM1 fiber and E1 copper, two types of connection. Maximum up to 144x E1 cross connect for Voice and Data or 63E1 over STM1 fiber. iSAP5100 interface cards include Dataports (6ch RS232, 4ch V.35), Ethernet (4ch ET100), Voice (8ch FXO, 8ch FXS, 8ch E&M), and G.703 64K Co-directional (4ch G64K).

63 E1 over STM1 Fiber Multiplexer



- Modular 4.5U high, 19-inch unit with 18 slots for I/O modules
- 63E1 over STM-1 fiber
- Two optical STM-1 links
- DCE card types included N*64K, RS232(Sync/Async), G703-64K, ET100, E&M, FXO, FXS...etc.
- 144E1 DXC cross connect capability
- Supports E1 time slot broadcast function



Interface Cards

- Control card: 5100-MS-DM-96, 5100-MS-DM-15
- E1 card: 5100-8E1, 5100-16E1
- Power modules: 5100-AC240, 5100-DC240

I/O cards

- Data port :5100-RS232,5100-RS232/C
- Ethernet : 5100-ET100
- Voice : 5100-E&M, 5100-FXS, 5100-FXO
- G.703 Co-directional:5100-G64K

STM1/ E1 Terminal Multiplexer



- Provides 2-port STM1 fiber with 1+1 protection
- Supports Console, SNMP and GUI management
- Supports P to M GE over 16E1
- Supports 2x GbE Combo ports
- Supports P to P GE+16E1 over STM-1
- Built-in BERT for performing local and remote loopback