

SDH/MSPP Multiplexer

The SDH/MSPP multiplexer is a carrier-class, cost-effective platform that is designed for application in metro and access networks. The multiplexer facilitates the efficient transport of traditional TDM and emerging data traffic for service providers.



ADDITIONAL IMAGES



Overview

High-Performance SDH/MSPP Multiplexer

This versatile SDH/MSPP multiplexer is designed for robust telecommunications infrastructure, supporting transmission rates up to STM-16. It offers sophisticated service aggregation capabilities, including Ethernet over SDH and E1, and features a large cross-connect matrix for flexible network configuration. With integrated testing tools and multiple clock synchronization options, this device ensures reliable service delivery in demanding network environments.

Technical Specifications

Cross-Connect Matrix Capacity

- 96*VC-4 VC-4 level full cross connection
- 32*VC-4 VC-12 or VC-3 level full cross connection

Supported Transmission

Up to STM-16

Clock Synchronization

Internal Clock, External Clock, Line Clock, Clock Holdover

Service Capabilities

Aggregation Capabilities

32 sites

Remote Sites (Ethernet over 8*E1)

132 sites

Remote Sites (Ethernet over 1*E1)

32 channels

Ethernet over SDH Aggregation

Ethernet Service Features

GFP Encapsulation, VC12 Virtual Concatenation, LCAS, P VLAN, 801.1Q VLAN

Hardware & Interfaces

Physical Interface Overview

Interface Type	Configuration
E1 Interfaces	E1 1-12, E1 13-24
Ethernet Ports	ETH 1-4
Power Inputs	-48V and +5V
Monitoring Ports	NM, ALM, Data, RxD, TxD, ExClk
Management Channels	DCC, E1, VC12
Integrated Testing	Yes