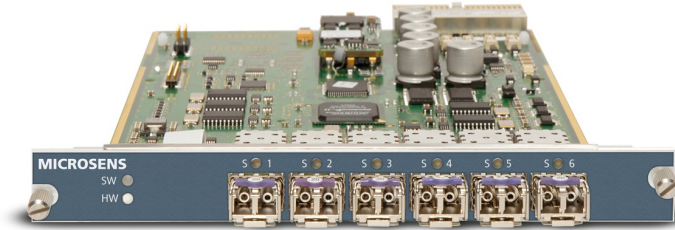


Product Overview

4 port STM-1 TDM Multiplexer Module



Description

4 port STM-1 TDM Multiplexer module is a part of MICROSENS MSP 3000 Platform, a high performance and flexible carrier-class transmission system. The module is a bidirectional plug-in unit offering the aggregation and transport of up to 4 x OC-3/STM-1/ over one 1.25G line or 1 x OC12/STM-4 over one 1.25G line. The 1.25G signal is compatible with other modules in the MICROSENS platform and can be aggregated again through the client ports of the higher speed TDM modules. This two step aggregation allows service providers to aggregate both GbE and TDM traffic on the same wavelength or aggregate up to 24 OC-3 circuits over one wave.

This module does not terminate the OC-3/STM-1 traffic and provides fully transparent transport. It utilizes standard SFP interfaces for the access and the line ports.

The TDM Multiplexer module occupies one slot in the MICROSENS chassis and is powered through the backplane of the chassis.

Properties

- Four OC-3/STM-1 client port interfaces or one OC-12/STM-4 client port interface
- Fully transparent transport of STM-1 or STM-4 client signals
- One 1.25G line interface compatible with MS43060xM, MS43062xM client interfaces
- SFP client and line interfaces
- Digital Diagnostic Monitoring and SNMP or MICROSENS NMP management
- Loopback test capable
- Hot swappable, Plug-n-Play operation

Order Information

Description

Article Number

TDM Unit 4x FE/ 4x ESCON/ 4x STM1/ 3xSDI/ 1x STM4, SFP Slots (not included)

MS430614M

Accessories

Description	Article Number
SFP Gigabit Ethernet Transceiver 1,25GB 850 nm Multimode, 1000 Base -SX, LC duplex	MS100200D
SFP Gigabit Ethernet Transceiver 1,25GB 1310 nm Single Mode, 1000 Base-LX, LC duplex	MS100210D
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 19dB Budget	MS100206D-ww
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 24dB Budget	MS100207D-ww
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 32dB Budget	MS100208D-ww

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