Product Overview
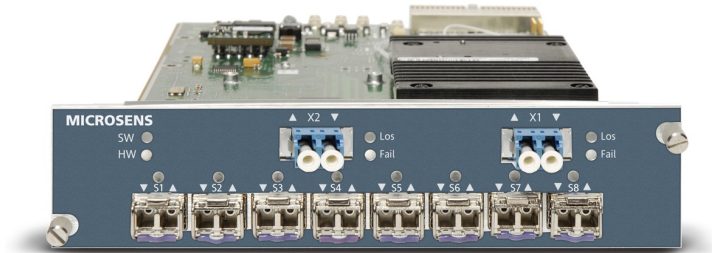
8 port multi-rate TDM Multiplexer Module

Description

The MICROSENS 8 port TDM family of modules are amongst the industries most flexible multi-protocol DWDM add drop multiplexers. These modules have the ability to multiplex any mix of 1 GbE, 1 Gig Fibre Channel, 2 Gig Fibre Channel, 4 Gig Fibre Channel, OC-12/STM-4, and OC-48/STM-16 up to to a total bandwidth of 10 gigabits per second.

These modules have eight client ports which can be used as inputs for these different service types. All client ports are software programmable and can be reprogrammed to a different client service in the field, on the fly, without any effect on traffic being carried by other ports on the cards.

This module comes in two variants, the MS430686M which also supports add-drop multiplexing (ADM) and the MS430687/8M which does not have ADM capability. The flexibility in these line cards provides the end user with a number of advantages.

First, enterprises and service providers can utilize these line cards without any need to understand or forecast the mix of different traffic types that will need to be supported in the future. Client ports can be programmed to the appropriate service type at the time the need for providing that service type arises. The flexibility of these modules provides the ultimate economy in wavelength utilization for complex applications that involve multiple service types.

Properties

- Single module for aggregation of most common service types
- Efficient multiplexing that supports aggregation of multiple service types onto a single wavelength
- Support for a wide variety of applications with a single module simplifying inventory and sparing
- Redundant line port for 50 ms network redundancy
- Optional Add Drop feature allowing for the adding and dropping of any mix of service types at multiple remote locations using only a single wavelength and a single TDM at each site

Order Information

Description	Article Number
Multirate TDM Modules	
TDM Unit 8x MultiRate over 10G with FEC, Line Port: XFP Slot (SFPs/XFP not included)	**MS430686M**
TDM Unit with FEC 8x MultiRate over 10G, Daisy Chain (Electrical ADM) with FEC, Line Ports: XFP Slots (SFPs/XFPs not included)	**MS430686MDC**
TDM Unit 8x MultiRate over 10G with NG FEC, Line Port: XFP Slot (SFPs/XFP not included)	**MS430687M**
Daisy Chain (Electrical ADM) TDM Unit 8x MultiRate over 10G with NG FEC, Line Ports: XFP Slots (SFPs/XFPs not included)	**MS430688M**

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**
XFP multiprotocol 10 Gbps DWDM transceiver, DWDM Single Mode LC, 15dB / 40km, nn: ITU C-band channel 17-61	**MS100422D-nn**
XFP multiprotocol 10Gbps DWDM transceiver, DWDM Single Mode LC, 23dB / 80km, nn: ITU C-band channel 17-61	**MS100432D-nn**