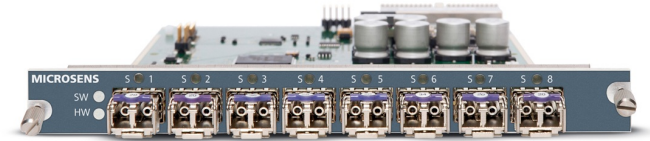


Product Overview

Quadruple 100MB..4G Transponder



Description

The module has eight SFP ports that provide the highest port density on a single card. The eight ports of the Transponder are split to four pairs of access and line ports creating four WDM transponders on one card. By plugging an access SFP and a CWDM or DWDM SFP, each module can deliver four WDM channels. Up to six modules can be installed in a MS430501/3M chassis providing 24 wavelengths in a 2U shelf.

All ports of the module support any protocol from 100 Mb to 4 Gbps including Fast and Gigabit Ethernet, OC-3/12/48, STM-1/4/16, GBE, 1/2/4G Fibre Channel. It is an ideal for sub 10G applications that require transport of multiple OC-48 and GBE traffic. The Transponder is most commonly used as CWDM or DWDM transponder. It can also be used as a repeater in long haul networks. The module supports any SFP type and can reach distances of 100 km and beyond with 1550 nm or DWDM wavelength. Combined with MICROSENS amplifiers, SFP optics can have extended reach.

Properties

- CWDM and DWDM transponder or repeater
- Support any protocol from 100 Mb to 4 Gbps
- Highest density in a compact chassis: 24 WDM channels in 2 RU
- Designed for high capacity applications that require high density and small rack space
- Software selectable data rates
- Ideal solution for Edge, Metro and Regional optical networks

Order Information

Description

Article Number

Quadruple transponder unit (FE, 1 GBE, 1 GFC, 2 GFC, 4 GFC, 155 Mbps, 622 Mbps, 2.5 Gbps) with SFP line port A & B interfaces, local port 1..4: SFP slots	MS430584M
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Accessories

Description	Article Number
SFP Fast Ethernet Transceiver MM 1310nm Multimode, LC connector	MS100190
SFP Fast Ethernet Transceiver 1310nm Single Mode, LC connector	MS100191
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
SFP CWDM Multirate Transceiver 100 Mbps..2,7 Gbps, Single Mode, CWDM 1ww0nm wavelength, 20dB Budget, Digital Diagnostics	MS100293D-ww
SFP CWDM Multirate Transceiver 100 Mbps..2,7 Gbps, Single Mode, CWDM 1ww0nm wavelength, 26dB Budget, Digital Diagnostics	MS100294D-ww
DWDM Multirate line interface 100 Mbps..2.7 Gbps, Single mode DWDM Laser, nn: ITU C-Band channel 17-60, LC connector, min. 28 dB Budget	MS100320D-nn
DWDM SFP Transceiver 155 MBit/s..4,25 GBit/s, Single Mode DWDM Laser, nn: ITU C-Band Channel 17-60, LC, min. 30dB, 180km	MS100277D-nn

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