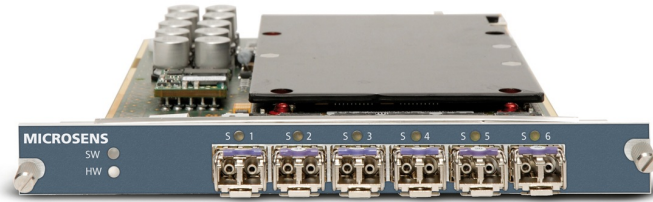


## Product Overview

### Multirate 100MB..2.7GB 3R Transponder Module



## Description

The Transponder supports any transport protocol including Ethernet, SONET, SDH, or Storage on any of its ports. It can be used as a WDM transponder or as a repeater and regenerator. In a typical WDM transponder application it is configured with a short reach SFP on the client port and a CWDM/DWDM SFP on the line port. Plugged with 2 long haul WDM SFPs, the module can be used in regeneration sites of long haul networks.

The module supports any SFP type and can reach distances of 100km and beyond with 1550 nm or DWDM wavelength. Combined with MICROSENS optical booster and pre-amplifier, SFP optics can achieve link distances of up to 250km and up to 700 km with in-line amplifiers. Digital Diagnostics Management (DDM) is supported for both SFP interfaces.

## Properties

- WDM transponder or repeater for any protocol from 100 Mbps to 2.7 Gbps
- Extremely flexible and scalable
- Software selectable data rates
- Full 3R (retime, reshape and retransmit)
- Link distances up to 250 km without in-line amplifiers
- Ideal solution for Metro, Regional and Long Haul optical networks
- Designed for high capacity applications that require high density and small rack space

## Order Information

### Description

### Article Number

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3R retimer module (FE, 1 GBE, 1 GFC, 2 GFC, 155 Mbps, 622 Mbps, 2.5 Gbps)  
port 1&2: SFP slots

**MS430580M**

## Accessories

Description	Article Number
SFP Fast Ethernet Transceiver MM 1310nm Multimode, LC connector	<b>MS100190</b>
SFP Fast Ethernet Transceiver 1310nm Single Mode, LC connector	<b>MS100191</b>
SFP Gigabit Ethernet Transceiver 1,25GB 850 nm Multimode, 1000 Base -SX, LC duplex	<b>MS100200D</b>
SFP Gigabit Ethernet Transceiver 1,25GB 1310 nm Single Mode, 1000 Base-LX, LC duplex	<b>MS100210D</b>
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 19dB Budget	<b>MS100206D-ww</b>
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 24dB Budget	<b>MS100207D-ww</b>
SFP CWDM max. 1.25 Gbps for Gigabit Ethernet & Fibre Channel, Single mode CWDM Laser, min. 32dB Budget	<b>MS100208D-ww</b>
SFP CWDM Multirate Transceiver 100 Mbps..2,7 Gbps, Single Mode, CWDM 1ww0nm wavelength, 20dB Budget, Digital Diagnostics	<b>MS100293D-ww</b>
SFP CWDM Multirate Transceiver 100 Mbps..2,7 Gbps, Single Mode, CWDM 1ww0nm wavelength, 26dB Budget, Digital Diagnostics	<b>MS100294D-ww</b>
SFP CWDM Multirate Transceiver 100 Mbps..2,7 Gbps, Single Mode, CWDM 1ww0nm wavelength, 30dB Budget, Digital Diagnostics	<b>MS100295D-ww</b>
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	<b>MS100320D-nn</b>

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