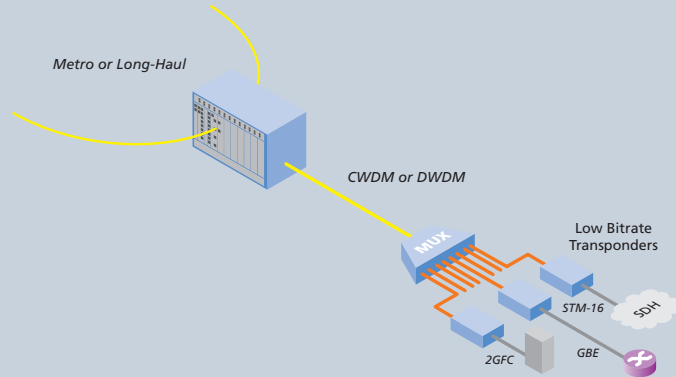




# Multirate 3R Repeater Module



## Benefits

- 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) signal regeneration
- 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

## 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.

Metropolitan networks

Description	Art.-No.
3R retimer module (FE, 1 GBE, 1 GFC, 2 GFC, 155 Mbps, 622 Mbps, 2.5 Gbps) port 1&2: SFP slots	MS430580M