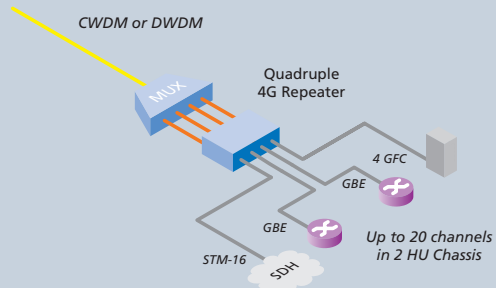


Quadruple 4G Repeater



Benefits

- CWDM and DWDM transponder or repeater
- Support any protocol from 100 Mb to 4 Gbps
- Highest density in a compact chassis: 20 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

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 five modules can be installed in a MS430500M chassis providing 20 wavelengths in a 2 RU 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.

Description

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

Art.-No.

MS430584M