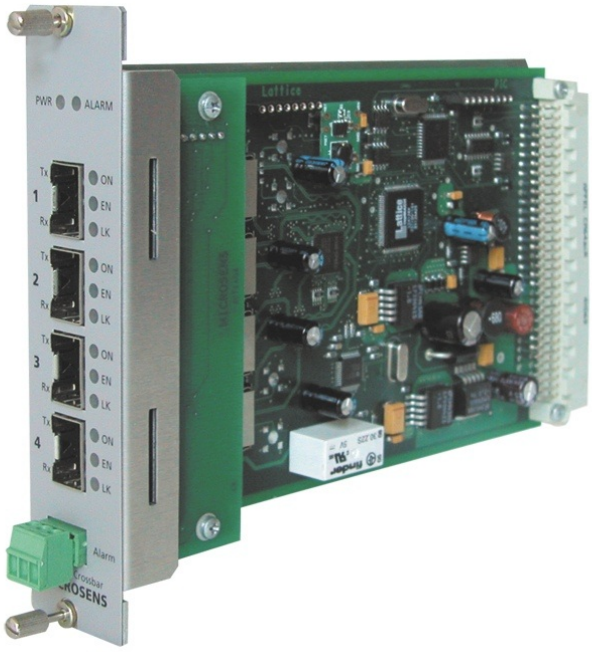
Product Overview

4 Channel Optical Crossbar



Description

The Optical Crossbar module is part of the MICROSENS access platform and offers full 3R signal regeneration bundled with a free configurable crossbar matrix for data rates from 100 Mbps up to 2.7 Gbps. This module enhances the 3R function with the benefits of a flexible switchable crossbar logic. It allows free allocation of four channels – besides the protection of the optical link. In addition to the 1:1 links also 1:n connections for broadcast applications are possible.

Plenty of applications are possible: Twin Converter for point-to-point links with high port density, hardware-redundant configuration, channel protection and signal multiplication (Broadcast).

Pluggable optical transceivers (SFPs) can easily adapt to different requirements of transmission networks.

Properties

- Interface with four SFP ports
- Free programmable logic for “Any-to-any Port” switching
- 3R signalregeneration
- Full retiming for datarates from 50 Mbps up to 2.7 Gbps
- Redundant operation for Back-up configurations
- Channel Protection
- Protocol-transparent operation is supported
- SNMP manageable

Order Information

Description	Article Number
4 Channel Optical Crossbar + Wide Range Retimer max 2,7Gb	**MS416453MR**