

Product Overview

Gigabit Media Converter Multimode/Single Mode max. 1,25 Gbit/s



Description

The multimode/single mode media converters enable a protocol transparent, bi-directional coupling of multimode to single mode fibers and support data rates of up to 1.25 Gbps. The coupling is realized directly and transparently without any protocol conversion.

The range of application extends to all applications in the LAN, MAN and WAN area such as Gigabit Ethernet, Fibre Channel and ATM/SONET owing to the given transparency working mode of the converter. This enables to transmit data and voice services simultaneously via already existing fiber optic links in City Networks, Backbones and Leased Lines.

In addition to the high bandwidths in the Gigabit range, distances of up to 70 km can be achieved. Moreover, the single mode interface is also available for simplex transmission in WDM applications. In this case the transmitter and receiver channel is transmitted at different wavelengths via one single fiber (simplex).

The link status of a segment is fed further by the converter, i.e. a missing link on the single mode side does not produce a link signal on the multimode side. The converters are designed as standalone devices with standard SC connectors. An external power supply is contained in the delivery package.

Properties

- Bidirectional coupling of multimode to single mode fiber
- Universal for all interfaces up to 1.25 Gbps
- Logical linking of link-status
- Compact device with standard
- SC-connectors

Order Information

Description	Article Number
1,25 GBit/s Converter, Multimode/Single mode, laser max. distance 10 km	MS410590
1,25 GBit/s Converter, Multimode/Single mode, extended version max. 20 km	MS410591
1,25 GBit/s Converter, Multimode/Single Mode, max. distance 10 km	MS410592
1,25 GBit/s Converter Multimode/Single Mode, DFB Laser extended version 50 km	MS410594
1,25 GBit/s Converter Multimode/Single Mode, DFB Laser extended version 70 km	MS410595

This document in whole or in part may not be duplicated, reproduced, stored or retransmitted without prior written permission of MICROSENS GmbH & Co. KG. All information in this document is provided 'as is' and subject to change without notice. MICROSENS GmbH & Co. KG disclaims any liability for the correctness, completeness or quality of the information provided, fitness for a particular purpose or consecutive damage. MICROSENS is a trademark of MICROSENS GmbH & Co. KG. Any product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

© 2017.10.19 MICROSENS GmbH & Co. KG - 59067 Hamm/Germany - Tel: +49 2381 9452-0 - www.microsens.com