

Gigabit Media Converter Multimode / Single Mode

MICROSENS

The MICROSENS multimode / single mode media converter offers a protocol transparent bidirectional connection of multimode to single mode fibers and allows datarates of up to 1.25 Gbit/s.

The use of these converters allows the connection of communication equipment like switches, routers and bridges and PBXs over long distance single mode fibers in LAN-, MAN-, and WAN-areas.

Due to the given protocol transparency the use of the converter is not limited to one application. It is possible to transmit different protocols like Gigabit Ethernet, Fibre Channel and ATM OC-12 with the same converter.

If the maximum bandwidth of Gigabit is not used, distances even longer than 100 km are possible.

In this way it is possible to transmit different applications in metro networks, backbones and leased lines without additional refreshing or amplifying the signal.



Technical Specifications

Type	Protocol transparent coupling of multimode and single mode fiber
Datarate	max. 1.25 Gbit/s
Fiber type	Multimode fiber, duplex, 50 or 62.5/125 μm , Single Mode, 9/125 μm , SC-connector
LED displays	Power, Link1, Link2

Order Information

Part-no.	Description	Connectors
MS410590	1.25 Gbit/s Converter, Multimode / Single Mode max. 10 km	MM: SC 850nm SM: SC 1300nm
MS410591	1.25 Gbit/s Converter, Multimode / Single Mode max. 20 km	MM: SC 850nm SM: SC 1300nm
MS410594	1.25 Gbit/s Converter, Multimode / Single Mode DFB Laser, max. 50 km	MM: SC 850nm SM: SC 1550nm
MS410595	1.25 Gbit/s Converter, Multimode / Single Mode DFB Laser, max. 70 km	MM: SC 850nm SM: SC 1550nm