

Gigabit Converter Module Multimode / Single Mode

MICROSENS

The MICROSENS multimode / single mode media converter offers a protocol transparent bidirectional connection of multimode to single mode fiber at data rates of up to 1.25 Gbit/s.

With these converters it is possible to connect communication equipment like switches, routers, bridges and PBXs over long distance single mode fiber 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 of the signal.



Technical Specifications

Type	Media converter module transparent up to 1.25 Gbit/s
Fiber type	Multimode fiber, duplex, 50 or 62.5/125 μ m, Single Mode fiber 9/125 μ m, SC-connector
Datarate	max. 1.25 Gbit/s
LED displays	Power, Link1, Link2

Order Information

Part-no.	Description	Connectors
MS416590	1.25 Gbit/s Converter, Multimode / Single Mode max. 10 km	MM: SC 850nm SM: SC 1300nm
MS416591	1.25 Gbit/s Converter, Multimode / Single Mode max. 20 km	MM: SC 850nm SM: SC 1300nm
MS416594	1.25 Gbit/s Converter, Multimode / Single Mode DFB-Laser, max. 50 km	MM: SC 850nm SM: SC 1550nm
MS416595	1.25 Gbit/s Converter, Multimode / Single Mode DFB-Laser, max. 70 km	MM: SC 850nm SM: SC 1550nm