

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.

The converter is especially important for the connection of public single mode to local multimode networks. Due to this it is possible to extend the local network with existing telecommunication networks.

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 Ethernet, Fast Ethernet, FDDI, ESCON, Fibre Channel and ATM with the same converter.

In the simplest version the converter offers a maximum datarate of 40 Mbit/s for the use in Ethernet, Token Ring or ISDN networks.

Further versions for Fast Ethernet, FDDI, ESCON and ATM OC-3 / OC-12 with datarates up to 622 Mbit/s are available.

For Gigabit Ethernet or Fibre channel applications there are special versions with up to 70 km distances available.



Technical Specifications

Type	Protocol transparent coupling of multimode and single mode fiber
Datarates	40 / 155 / 622 Mbit/s
Fiber type	Multimode fiber, duplex 50 or 62.5/125 μm , Single Mode, 9/125 μm , ST- or SC-connector
LED displays	Power, Link1, Link2

Order Information

Part-no.	Description	Connectors
MS410504	40 Mbit/s Converter, Multimode / Single Mode	MM: ST 850nm SM: ST 1300nm
MS410557	125 Mbit/s FDDI Converter, Multimode / Single Mode	MM: SC 1300nm SM: SC 1300nm
MS410567	155 Mbit/s Converter, Multimode / Single Mode Laser min. 15 km	MM: SC 1300nm SM: SC 1300nm
MS410589	155 Mbit/s Converter, Multimode / Single Mode FP-Laser min. 40 km	MM: SC 1300nm SM: SC 1300nm
MS410586	155 Mbit/s Converter, Multimode / Single Mode DFB-Laser min. 125 km	MM: SC 1300nm SM: SC 1550nm