

Transparent 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.

Single mode fiber is the optimal media for information services with high datarates.

The transparent connection of MM/SM converters offer the direct connection without protocol conversion. Due to this the bandwidth of the fiber is optimally used.

The MM/SM converters can be used in all applications in LAN and WAN areas, i.e. Fast Ethernet, ATM, Gigabit Ethernet as well as ISDN E1/T1 und Sonet/SDH.

Beside the classical applications in the backbone area, there are new fields like provider networks, city carriers and leased line applications.

Depending on the demands MICROSENS offers a converter with optimized optical power, wavelength and connector.



Technical Specifications

Type	Media converter module transparent up to 155Mbit/s
Fiber type	Multimode fiber, duplex, 50 or 62.5/125 μ m, Single Mode fiber 9/125 μ m, ST- or SC-connector
Max. fiber length	15 km standard 125 km optional (Single Mode)
LED displays	Power, Link1, Link2

Order Information

Part-no.	Description	Connectors
MS416504	Multimode / Single Mode Converter up to 40 Mbit/s	MM: 850nm ST SM: 1300nm ST
MS416567	Multimode / Single Mode Converter up to 155 Mbit/s Laser min. 15 km	MM: 1300nm SC SM: 1300nm SC
MS416589	Multimode / Single Mode Converter up to 155 Mbit/s Laser min. 40 km	MM: 1300nm SC SM: 1300nm SC
MS416589	Multimode / Single Mode Converter up to 155 Mbit/s DFB-Laser min. 125 km	MM: 1300nm SC SM: 1550nm SC
MS416554	Multimode / Single Mode Converter up to 622 Mbit/s	MM: 1300nm SC SM: 1300nm SC