

Media Converter

10Base-FL /10Base-T

MICROSENS

The MICROSENS 10Base-FL / 10Base-T media converter allows to connect twisted pair cables (10Base-T) with fibers (10Base-FL) in an Ethernet network (IEEE 802.3).

Due to the direct coupling it is possible to extend existing twisted pair cables over the limit of 100 m.

The advantage of the repeaterless conversion between the media is, that the use of media converters gives no further limitation regarding the maximum number of repeaters in a network.

The link status of each segment is forwarded by the converter (Link Through), that means in case of a missing link on the fiber side no link is generated on the copper side and vice versa.

Colour coded LEDs give status information about the converter and can be used for network diagnostics.

The converter is also available as an insertion module for the mounting into the modular 19" media converter system.



Technical Specifications

Type	Media Converter 10Base-FL / 10Base-T
Connectors	1 x RJ45-connector 2 x ST/SC-connector 1 x power supply jack 2.1 mm
Fiber type	Multimode fiber, 50 or 62.5/125 μ m, Single Mode fiber 9/125 μ m, ST- or SC-connector
Max. fiber length	MM: 2 km, SM: 20 km (FD)
Max. cable length	approx. 100 m
LED displays	Power, Receive, Transmit, Link, Polarity, Jabber

Order Information

Part-no.	Description	Connectors
MS410501	10Base-FL / 10Base-T Multimode 850nm	1 x RJ45 2 x ST
MS410601	10Base-FL / 10Base-T Multimode 850nm	1 x RJ45 2 x SC
MS410101	10Base-FL / 10Base-T Single Mode 10 km	1 x RJ45 2 x ST
MS410104	10Base-FL / 10Base-T Single Mode 20 km	1 x RJ45 2 x ST