

## Data Sheet

### Fast Ethernet Media Converter 100Base-FX/TX



## Description

The MICROSENS Fast Ethernet Media Converter Module enables the direct coupling of twisted pair (100Base-TX) and fiber optical segments (100Base-FX) in a Fast Ethernet network.

The converter supports half as well as full duplex connections. In the full duplex mode distances of up to 2 km can be covered (single mode: depending on version 15 km to 40 km). The direct coupling permits the extension of twisted pair connections beyond the limit of 100 m.

The link status of the segment is transferred via the converter ('Link-Through'), i. e. in case of a link failure on the FX-side no link is generated on the TX-side.

The MICROSENS Fast Ethernet Media Converter Module enables insertion of modules in the modular 19" Plug-in system.

## Properties

- Twin converter module for high port densities
- Cost optimised and repeater less copper/fiber conversion
- Link Through – link transparency
- Support of half and full duplex connections
- Status monitoring via optional management module
- Full compatibility with all modules of the Access Family

## Order Information

Description	Article Number
Fast Ethernet Converter/Bridge 1310nm Multimode SC	<b>MS416107M-V2</b>
Fast Ethernet Converter/Bridge 1310nm	<b>MS416108M-V2</b>
Fast Ethernet Converter/Bridge 1310nm Single mode SC, max. 20km	<b>MS416206M-V2</b>
Fast Ethernet Converter/Bridge 1310nm Single mode SC, max. 40km	<b>MS416208M-V2</b>
Fast Ethernet Converter/Bridge 1550nm Single mode SC, max. 80km	<b>MS416518M-V2</b>
Fast Ethernet Converter/Bridge 1550nm Single mode SC, max. 125km	<b>MS416519M-V2</b>

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