

## Datasheet

### MSP 1000

### Optical Coupler Module 1%

 Made  
 in  
 Germany



### General

The optical coupler module of the MICROSENS MSP1000 platform is used to couple out a light signal (1%) for monitoring purposes. The coupler module is used in places where permanent or occasional access to a fiber optic line is required for monitoring purposes.

The optical amplifier module EDFA of the MSP1000 has an integrated coupler module.

## Technical Details

<b>Type</b>	Optical Coupler module 1% MSP1000
<b>Connections</b>	3x LC/PC duplex
<b>Data Rates</b>	Independent
<b>Data Security</b>	It is not possible to intercept the data with the purpose of decoding the data.
<b>Wavelength range</b>	1529..1563 nm
<b>Attenuation</b>	< 0.7 dB, Signal 20 dB
<b>Dimensions</b>	Space requirement 1 Slot in MSP1000-Chassis
<b>Operating temp.</b>	0..+40 °C
<b>Storage temp.</b>	-40..+85 °C
<b>Humidity</b>	5% up to 80 % non-condensing
<b>Standards</b>	CE Conform CDRH 21 CFR 1040 FCC Part 15 Laser Class 1M Product

## Example of application



## Order Information

Description	Art.-No.
MSP1000 optical Coupler module 1% 3x LC/PC duplex	<b>MS425633-1</b>

## Alternativ Transpondermodules MSP1000

Description	Art.-No.
MSP1000 2-Channel Crossbar Transpondermodule 2.7G 100MBit/s - 2.7GBit/s Multirate 3R, 4x SFP-Slots	<b>MS425601M</b>
MSP1000 2-Kanal Transpondermodule 4G 100MBit/s - 4.25GBit/s Multirate 3R, 4x SFP-Slots	<b>MS425602M</b>
MSP1000 2-Kanal Transpondermoduel 16G 100MBit/s - 16GBit/s Multirate, 40G-capable, 4x SFP+-Slots	<b>MS425608M</b>

## Accessoires MSP1000 (Selection)

Description	Art.-No.
<b>MSP1000 Enterprise 4U Chassis (other modules available see Datasheet „Chassis“)</b>	
MSP1000 Enterprise 4U Chassis AC 19" 2 Slots for 2x 230 VAC-Power supply prep., 11 Moduleslots, incl. Backplane, incl. 3-fold Fan Module	<b>MS425500M</b>
<b>MSP1000 1U Chassis</b>	
MSP1000 1U Chassis DC 19" 3 Moduleslots, incl. Backplane, incl. Fan Module	<b>MS425504M-48-V2</b>
<b>MSP1000 Power Supply</b>	
MSP1000 Enterprise AC Power Supply Module Input: 90..264 VAC, 50..60 Hz, max. 250 W	<b>MS425510</b>
MSP1000 Enterprise DC Power Supply Module Input: 36..75 VDC, max. 250 W	<b>MS425511</b>
MSP1000 Power Supply 54V/1,2A 65W prim. Euro-8 Cable	<b>MS700701</b>

\* For more information on the MSP1000 portfolio, please refer to our document [„Technical Description MICROSENS MSP1000 Optical Platform.pdf“](#).

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