

Ethernet Miniature Hub

8 Ports 10Base-T with FO-Link

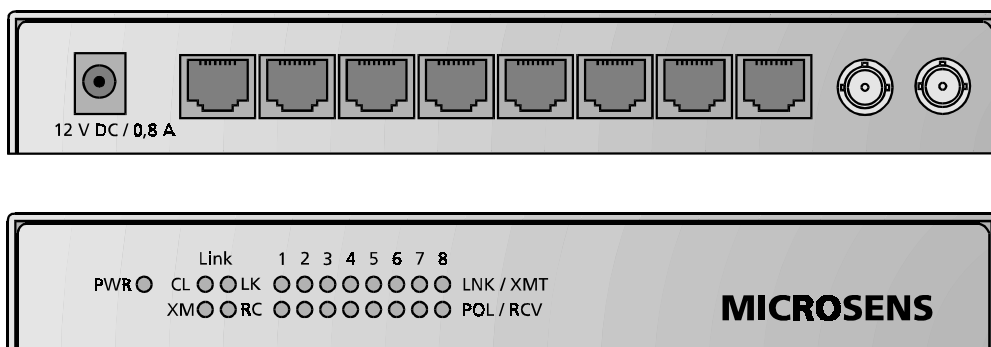
MS452002

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Technical Specifications

Type	Ethernet Repeater according to the IEEE 802.3 standard	
Connectors	8 x RJ45 modular jack crossed for end device 2 x ST-connector 1 x PSU connector 2,1 mm	
Data rate	10 Mbps	
Cable type	Shielded Twisted Pair cable category 5	
Max. segment length	100 m	
Fiber type	Multimode 62,5/125 or 50/125 µm duplex Single mode 9/125µm duplex, ST/SC-connectors	
Max. fiber length	2 km	
LED displays	<i>Power</i>	Standby
	<i>Receive</i>	Data are received over corresponding port
	<i>Transmit</i>	Data are sent over corresponding port
	<i>Link</i>	FO / TP- connection intact
	<i>Polarity</i>	TP- wire crossed
Power supply	12 V DC / max. 800 mA	
Dimensions	198 x 28 x 120 mm (w x h x d)	
Operating temperature	0°C to 55°C	
Storage temperature	-20°C to 85°C	
Rel. humidity	5% to 80% non condensing	

Connectors



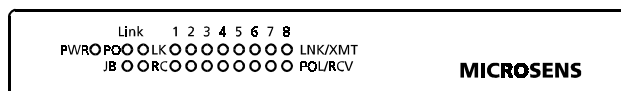
Features

Miniature Twisted-Pair-Hub 8 Ports TP with FO-Link

- Extremely compact, ergonomic design
- Economical
- Ideal for small workgroups
- Automatic protection of the net in the case of defective segments
- LINK port for direct connection to fiber optic network

Displays

Colour coded LEDs indicate the status of the repeater. They simplify the installation and can be used for error diagnostics within the network.



Repeater-Status

LED	Name	Description
PWR	Power	Standby

Link Port-Status

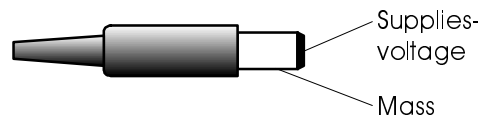
LED	Name	Description
CO	Collision	Collision in FO segment
LK	Link	TP- connection intact
XM	Transmit	FO -Data are sent
RC	Receive	FO-Data are received

Port-Status

LED	glow	blinking
LNK/XMT	TP- connection intact	Data are sent
POL/RCV	TP- wire crossed	Data are received

Power supply

The repeater is powered by an external PSU 12 V of DC / a maximum of 800 mA. The power supply connector has the following reservation:



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