

# Token Ring Media Converter

# MICROSENS

The MICROSENS Token Ring media converter offers the conversion from electrical to optical signal in a Token Ring network according to IEEE802.5J.

The fiberoptic transmission in a Token ring allows to extend the end device connection up to 2 km.

The converter can be used separately or in a pair, i.e. in combination with a desktop device or the Token Ring installation MAU.

The converter recognizes the position in the segment automatically and configures itself.

To connect two access units together the special RIRO version (Ring in /Ring out) is necessary.

The converter receives the power through an external power supply.

Colour coded LEDs gives 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

<b>Type</b>	Token Ring Media Converter according IEEE 802.5J
<b>Datarate</b>	4 or 16 Mbit/s
<b>Connectors</b>	1 x RJ-45 Port 2 x ST-connector 1 x power supply jack 2.1 mm
<b>Fiber type</b>	Multimode fiber, duplex, 50 or 62/125 µm, Single Mode 9/125 µm, ST-connector
<b>Max. fiber length</b>	2 km (Multimode) 10 km (Single Mode)
<b>LED displays</b>	Power, Fiber Link, Bypass, Insert, Phantom, Mode

## Order Information

Part-no.	Description	Connectors
MS411501	Token Ring Converter Multimode 850 nm	1 x RJ-45 2 x ST
MS411101	Token Ring Converter Single Mode 1300 nm	1 x RJ-45 2 x ST
MS411504	Token Ring Converter Ring In / Ring Out Multimode 850 nm	1 x RJ-45 2 x ST