

**Product:** [MTS-SFP-1G-LH+/LC](#) 

## HIRSCHMANN IT 1G SFP Module



### Product Description

1Gbps, Single-mode, 1550nm, LC, 100Km, DDMI

### Technical Specifications

#### Product description

Type:	MTS-SFP-1G-LH+/LC
Description:	1Gbps, Single-mode, 1550nm, LC, 100Km, DDMI
Part Number:	942999859
Port type and quantity:	1000BASE-ZX with LC connector

#### Network size - length of cable

Single mode fiber (LH) 9/125 $\mu\text{m}$ (long haul transceiver):	50 - 100 km 11 - 32 dB link budget at 1550 nm A = 0.18 dB/km, 3 dB reserve, D = 18 ps/(nm x km)
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#### Power requirements

Operating Voltage:	+3.3V
Power consumption:	1W

#### Diagnostics features

Diagnostic functions:	Optical input and output power, transceiver temperature, bias current/voltage
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#### Ambient conditions

Operating temperature:	0-+70 °C
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#### History

Update and Revision:	Revision Number: 0.36 Revision Date: 05-23-2024
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