

## Product Overview

### Gigabit Ethernet Converter 1000Base-T/1000Base-X



## Description

MICROSENS' Gigabit converter offers a cost effective and fast media conversion from copper (1000Base-T) to fiber optic (1000Base-SX/LX). The direct link enables the extension of twisted pair connections beyond the 100 m limit.

The autonegotiation protocol support allows for the automatic configuration of half- and full duplex connections. In addition to this the operating mode can be set manually by means of a DIP switch (full- /half duplex).

The converter is available as a tabletop unit with external AC adaptor. Two versions for multimode (1000Base-SX) and singlemode (1000Base-LX) are available.

Alternatively the Gigabit converter is available as a modular Access System plug-in unit allowing additional features like management, redundant power supply and up to 100 km reach.

## Properties

- Compact table top unit
- Media conversion 1000Base-T/1000Base-SX/LX
- Autonegotiation half- or full duplex-mode, alternatively manual configuration
- Multimode max. 550 m (50/125µm)
- Single Mode version up to 100 km, optionally via simplex fiber (WDM)

## Order Information

Description	Article Number
Gigabit Ethernet converter 1000Base-T/1000Base-SX, 850 nm Multimode, max. 550 m, ext. power supply	<b>MS400190</b>
Gigabit Ethernet converter 1000Base-T/1000Base-LX, 1310 nm single mode, max. 10 km, ext. power supply	<b>MS400191</b>
Gigabit Ethernet Converter 1000Base-T/1000Base-LX, 1310 nm Single mode, max. 20 km, ext. power supply	<b>MS400192</b>
Gigabit Ethernet Converter 1000Base-T/1000Base-LX, 1550 nm Single mode, max. 50 km	<b>MS400193</b>
Converter Gigabit Ethernet 1000Base-T/1000Base-LX, 1550 nm Single mode, max. 70 km	<b>MS400194</b>
Gigabit Ethernet Converter 1000Base-T / 1000Base-LX, WDM Single Mode SC simplex, Tx:1310nm Rx: 1550nm, ext. power supply	<b>MS400191A</b>
Gigabit Ethernet Converter 1000Base-T / 1000Base-LX, WDM Single Mode SC simplex, Tx:1550nm Rx: 1310nm, ext. power supply	<b>MS400191B</b>

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