Product Overview

SFP for Gigabit Ethernet with simplex Option (WDM)

Description

A large part of todays active networking products is already equipped with slots for modular optical transceivers. This brings the highest possible flexibility for the network configuration to the user. Because of the special construction the installation can be done even during operation (hot swap).

The new SFP-transceiver from MICROSENS allows a bidirectional optical transmission over one simplex single mode fiber. This is possible due to the use of two different wavelengths (WDM – Wavelength Division Multiplex) and the integration of a wavelength sensitive filter.

This transceiver is used in a pair-configuration and is working with the wavelengths 1310 nm and 1490 nm. The optical budget is 15 dB, which allows a distance of 10 km for point-to-point connections.

The transceivers are Gigabit Ethernet conform according to the IEEE802.3ah® 1000Base-BX Standard.

Properties

Order Information

Description	Article Number
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 11dB/10km diagn. Tx: 1310nm, Rx: 1490nm	**MS100222DA**
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 11dB/10km diagn. Tx: 1490m, Rx: 1310nm	**MS100222DB**
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 19" dB/40km diagn. Tx: 1310nm, Rx: 1550nm	**MS100224DA**
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 19" dB/40km diagn. Tx: 1550m, Rx: 1310nm	**MS100224DB**
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 24dB/80km diagn. Tx: 1490nm, Rx: 1570nm	**MS100228DA**
WDM SFP Gigabit Transceiver max.1,25Gb Single Mode LC simplex 24dB/80km diagn. Tx: 1570nm, Rx: 1490nm	**MS100228DB**