Product Overview

MICROSENS

10 Gigabit Ethernet Converter 10GBase-T / SFP+ 10GBase-X

Description

The 10 Gigabit converter is equipped with one RJ-45 port with 10GBase-T and one SFP+ slot according to 10GBase-X. The SFP+ slot allows the use of all standard SFP+ available on the market which gives the device a very high flexibility.

The device is used mainly in Enterprise networks to combine the media copper and fiber together in a universal way.
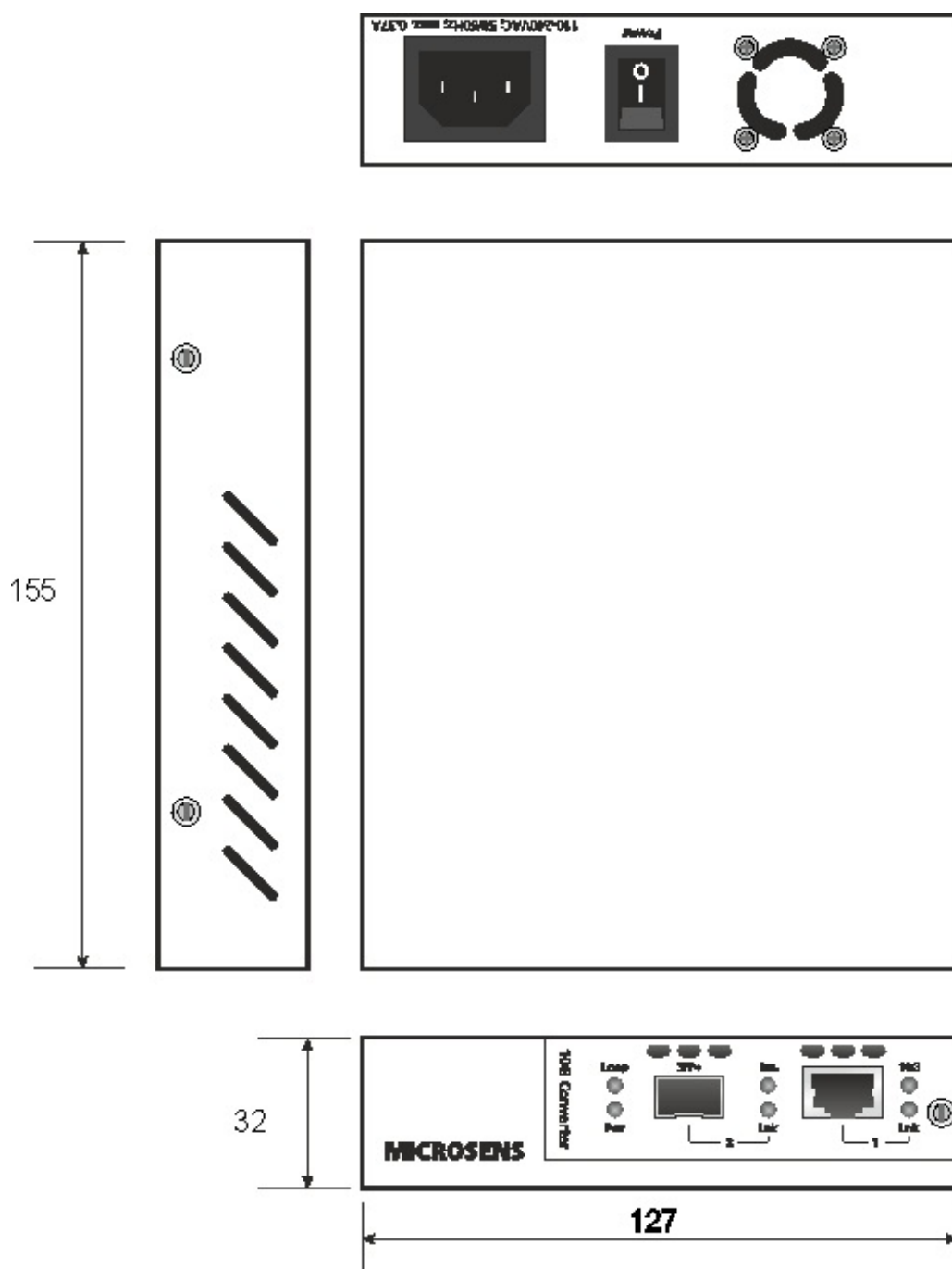
The converter operates in a transparent mode and has a very short latency. Jumbo frames can be transmitted.

Colour coded LEDS are giving status information about the converter and can be used for failure diagnostics in the network.

Properties

- Compact 10 Gigabit Ethernet Converter, coupling of Twisted-Pair (10GBase T) and Fiber Segments (10GBase-X)
- Compatible to IEEE 802.3an and 802.3ae standards
- Support of Jumbo Frames
- Utilisation in CWDM and DWDM applications possible
- Desktop chassis with integrated 230 V AC power supply
- Optional 19" chassis with 16 slots, AC or DC power supplies

Dimensions

155

32

127

Specifications

General

Type	10 Gigabit Ethernet converter for the coupling of Twisted-Pair- (10GBase-T) and fiber-(10GBase-X) segments

Uplink (Pluggable Transceiver)

Number of Ports	1
Type	SFP+ Port

Environment

Operating Temperature	0 °C to 50 °C
Storage Temperature	-10 °C to 70 °C
Relative Humidity	5 % to 90 % non condensing

Power Supply (AC)

Input Voltage	Integrated 230 V AC power supply with on/off switch

Local Ports (Twisted-Pair)

Number of Ports	1
Type	10GBase-T
Connector	RJ-45 jack, shielded
Cable Type	Twisted Pair cabel, 100 Ohm, min. Category 6a

Mechanical

Dimensions	32 x 155 x 127 mm (h x w x d)
Housing Color	black

Order Information

Description	Article Number
1 Slot Desktop Chassis for MS40028x Modules, internal 110..230 VAC power supplie	**MS400040**
10 Gigabit Ethernet converter 10GBase-T / SFP+ 10GBase-X	**MS400280**

Accessories

Description	Article Number
SFP+ Pluggable Transceiver 10GBE, 10G SONET/SDH, Multimode 850nm, 5,1dB, 300m	**MS100700D**
SFP+ Pluggable Transceiver 10GBE, 10G SONET/SDH, Single Mode 1310nm, 8,4dB 10km	**MS100702D**
SFP+ Pluggable Transceiver 10GBE, 10G SONET/SDH, Single Mode 1310nm, 14dB, 40km	**MS100703D**
SFP+ Pluggable Transceiver 10GBE, 10G SONET/SDH, Single Mode 1550nm, 14,8dB, 40km	**MS100704D**
SFP+ Pluggable Transceiver 10GBE, 10G SONET/SDH, Single Mode 1550nm, 23dB, 70km	**MS100706D**