# DATASHEET

## 10-Gigabit RJ45 to SFP+ Mediakonverter








### General data

9K jumbo frames for high transfer rates Supports low time delay transmission Supports ITU-T DWDM/CWDM wavelengths Hot swappable Fast, easy installation

The LevelOne GVT-0500 is a powerful 10Gigabit media converter that, in conjunction with the optionally available LevelOne SFP+ modules, converts optical signals into electrical signals, realizes optical signal balance amplification, clock extraction and optical regeneration. It works with WDM (DWDM/CWDM) technology, which can transmit data signals over a long distance in single or multiple ways in a single fiber. On the existing network infrastructure, the GVT-0500 can quickly improve transmission capacity and expand bandwidth. At the same time, it is a cost-effective and highly cost-effective solution for managing and operating the system. It is also optimized for easy operation and maintenance.

General
Color: Black

Miscellaneous
Data rate Gigabit and 10-Gigabit Ethernet
Fiber Optical Mode Both
Media Interface RJ45 to SFP+(10G)
Manageable No
Grade Commercial

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EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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Others
Operating humidity 5% RH ~ 90% RH
Operating temperature -10°C ~ 55°C
Storage temperature -40°C ~ 75°C
scope of delivery
GVT-0500
Power adapters
Quick Installation Guide

Physical Specifications
Dimensions (W x D x H) 115 x 85 x 25 mm
Product weight (kg) 0.3

System specifications
Wavelength (nm) Depend on SFP fiber optical transceiver

| **Technical properties** | |
|---|---|
| Construction type | Single device |
| Gigabit Ethernet | True |
| Managed | False |
| Manufacturer | LevelOne |
| Power over Ethernet | False |
| Suitable for 19 inch mounting | False |

**Available variants**

| ArtNr. | Bezeichnung | Unique |
|---|---|---|
| GVT-0500 | 10-Gigabit RJ45 to SFP+ Mediakonverter | Unique |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.



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