

DATASHEET

10-Gigabit RJ45 to SFP+ Mediaconverter



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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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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