



## LevelOne RJ45 to SFP Gigabit Media Converter

**Brand :** LevelOne

**Product code:** GVT-2000

**Product name :** RJ45 to SFP Gigabit Media Converter

SFP, RJ-45, 10/100/1000Base-T, 420 g

[LevelOne RJ45 to SFP Gigabit Media Converter:](#)

The GVT-2000 media converter is able to convert network signals between copper and fiber-optic based networks. The converter provides a SFP slot for 1000Base-X Gigabit optic module and a 10/100/1000Base-T RJ-45 port, supports full duplex and half duplex switch connectivity and 10Base-T, 100Base-TX and 1000Base-T auto-sensing.

The device features built-in Dip switches for easy converter configuration, which function on the Smart LFP (Link Fault Pass-through), allowing the converter to monitor both the fiber and copper ports for signal loss, as well as cut through and smart pass through mode.

The GVT-2000 is able to operate in temperatures from -10° up to 55° Celsius. The converter can be used as a standalone unit or as a slide-in module to the CHV-2000 19" converter rack, which can accommodate up to 14 units for use in a central wiring closet.



Network		Design	
Maximum data transfer rate *	1000 Mbit/s	Country of origin	China
Converter input interface	10Base-T, 100Base-TX, 1000Base-T	Certification	CE, FCC
Converter output interface	1000Base-LX, 1000Base-SX	<b>Power</b>	
Networking standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Input voltage	5 V
Ethernet interface type	Gigabit Ethernet	Input current	2 A
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Weight &amp; dimensions</b>	
Jumbo frames support	✓	Width	94 mm
Jumbo frames	9000	Depth	70 mm
Flow control support	✓	Height	25 mm
Auto MDI/MDI-X	✓	Weight	420 g
Auto-negotiation	✓	<b>Operational conditions</b>	
Store-and-forward	✓	Operating temperature (T-T)	-40 - 75 °C
Link Loss Carry Forward (LLCF) supported	✓	Storage temperature (T-T)	-10 - 55 °C
Link Loss Return (LLR) supported	✓	Operating relative humidity (H-H)	5 - 90%
Cable types supported	Cat5, Cat5e	<b>Packaging data</b>	
<b>Ports &amp; interfaces</b>		Package width	235 mm
Connectivity technology	Wired	Package depth	125 mm
Ethernet LAN (RJ-45) ports	1	Package height	55 mm
Fiber ports quantity	1	Package weight	490 g
Fiber optic connector *	SFP	Package type	Box
<b>Performance</b>		<b>Packaging content</b>	
Maximum transfer distance *	100 m	AC adapter included	✓
Fiber mode structure	Multi-mode	Quick installation guide	✓
<b>Design</b>		<b>Technical details</b>	
Internal *	✗	Sustainability certificates	RoHS
LED indicators	Activity, Link, Power	Compliance certificates	RoHS
Product colour	Black	<b>Logistics data</b>	
		Harmonized System (HS) code	85176990



4015867185179



5050914832902



5704174017462



0846359031292



846359031292

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.