![LevelOne logo]

LevelOne RJ45 to SFP Gigabit Media Converter

Brand : LevelOne

Product name : RJ45 to SFP Gigabit Media Converter

Product code: GVT-2000

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.
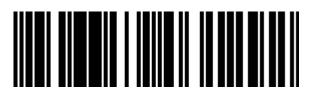
![RoHS 2002/95/EC logo]

Network

Maximum data transfer rate *	1000 Mbit/s
Converter input interface	10Base-T, 100Base-TX, 1000Base-T
Converter output interface	1000Base-LX, 1000Base-SX
Networking standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Ethernet interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s
Jumbo frames support	✓
Jumbo frames	9000
Flow control support	✓
Auto MDI/MDI-X	✓
Auto-negotiation	✓
Store-and-forward	✓
Link Loss Carry Forward (LLCF) supported	✓
Link Loss Return (LLR) supported	✓
Cable types supported	Cat5, Cat5e

Ports & interfaces

Connectivity technology	Wired
Ethernet LAN (RJ-45) ports	1
Fiber ports quantity	1
Fiber optic connector *	SFP

Performance

Maximum transfer distance *	100 m
Fiber mode structure	Multi-mode

Design

Internal *	✗
LED indicators	Activity, Link, Power
Product colour	Black

Design

Country of origin	China
Certification	CE, FCC

Power

Input voltage	5 V
Input current	2 A

Weight & dimensions

Width	94 mm
Depth	70 mm
Height	25 mm
Weight	420 g

Operational conditions

Operating temperature (T-T)	-40 - 75 °C
Storage temperature (T-T)	-10 - 55 °C
Operating relative humidity (H-H)	5 - 90%

Packaging data

Package width	235 mm
Package depth	125 mm
Package height	55 mm
Package weight	490 g
Package type	Box

Packaging content

AC adapter included	✓
Quick installation guide	✓

Technical details

Sustainability certificates	RoHS
Compliance certificates	RoHS

Logistics data

Harmonized System (HS) code	85176990

4015867185179

5050914832902

5704174017462

0846359031292

846359031292