



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



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