

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.







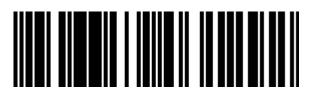
Network		Design		
Maximum data transfer rate *	1000 Mbit/s	Country of origin	China	
Converter input interface	10Base-T, 100Base-TX, 1000Base-T	Certification	CE, FCC	
Converter output interface	1000Base-LX, 1000Base-SX IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Power		
Networking standards		Input voltage	5 V	
Ethernet interface type	Gigabit Ethernet	Input current	2 A	
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions		
Jumbo frames support	1	Width	94 mm	
Jumbo frames	9000	Depth	70 mm	
Flow control support	1	Height	25 mm	
Auto MDI/MDI-X	1	Weight	420 g	
Auto-negotiation	1	Operational conditions		
Store-and-forward	1	•	-40 - 75 °C	
Link Loss Carry Forward (LLCF) supported	4	Operating temperature (T-T) Storage temperature (T-T)	-10 - 55 °C	
Link Loss Return (LLR) supported	1	Operating relative humidity (H-H)	5 - 90%	
Cable types supported	Cat5, Cat5e	Packaging data		
Ports & interfaces		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	
Performance		Packaging content		
Maximum transfer distance *	100 m	AC adapter included	1	
Fiber mode structure	Multi-mode	Quick installation guide	4	
Design		Technical details		
Internal *	×	Sustainability certificates	RoHS	
LED indicators	Activity, Link, Power	Compliance certificates	RoHS	
Product colour	Black	Logistics data		
		Harmonized System (HS) code	85176990	











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