



LevelOne RJ45 to SC Gigabit Media Converter, Multi-Mode Fiber, 550m

Brand : LevelOne

Product code: GVT-2001

Product name : RJ45 to SC Gigabit Media Converter, Multi-Mode Fiber, 550m

RJ-45, SC, 10/100/1000BASE-T, 550 m, MMF, 420 g

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The GVT-2001 MMF SC media converter is able to convert network signals between copper and fiber-optic based networks. The converter provides 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. Used in multi-mode with fibre-optic cabling, this can extend a network range up to 550m.

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-2001 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 *	SC
Converter input interface	10Base-T, 100Base-TX, 1000Base-T	DC-in jack	✓
Converter output interface	1000Base-LX, 1000Base-SX	Power	
Networking standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Input voltage	5 - 12 V
Ethernet interface type	Gigabit Ethernet	Input current	2 A
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
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	✓	Operational conditions	
Store-and-forward	✓	Operating temperature (T-T)	-40 - 75 °C
Duplex system	Full	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 *	550 m	Packaging data	
Wavelength *	850 nm	Package width	235 mm
Fiber mode structure	Multi-mode	Package depth	125 mm
Features		Package height	55 mm
Internal *	✗	Package weight	530 g
LED indicators	Activity, Link, Power	Package type	Box
Product colour	Black	Certificates	
Ports & interfaces		Compliance certificates	RoHS
Connectivity technology	Wired	Certification	CE, FCC
Ethernet LAN (RJ-45) ports	1	Logistics data	
Fiber ports quantity	1	Country of origin	China
		Harmonized System (HS) code	85176990



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