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



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

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	
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	✔
Duplex system	Full
Link Loss Carry Forward (LLCF) supported	✔
Link Loss Return (LLR) supported	✔
Cable types supported	Cat5, Cat5e
Performance	
Maximum transfer distance *	550 m
Wavelength *	850 nm
Fiber mode structure	Multi-mode
Features	
Internal *	✘
LED indicators	Activity, Link, Power
Product colour	Black
Ports & interfaces	
Connectivity technology	Wired
Ethernet LAN (RJ-45) ports	1
Fiber ports quantity	1

Ports & interfaces	
Fiber optic connector *	SC
DC-in jack	✔
Power	
Input voltage	5 - 12 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 content	
AC adapter included	✔
Quick installation guide	✔
Packaging data	
Package width	235 mm
Package depth	125 mm
Package height	55 mm
Package weight	530 g
Package type	Box
Certificates	
Compliance certificates	RoHS
Certification	CE, FCC
Logistics data	
Country of origin	China
Harmonized System (HS) code	85176990



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