

Data Sheet for Article: QLGV2001 -

Mediaconverter 1x RJ45 10/100/1000 - 1x FO SC 1000 MM 550m



SCHRACK-Info

The QLGV2001 - 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-T 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 QLGV2001 - 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.

Key Features

- Transfer data from 10/100/1000Base-T copper to fiber interfaces
- 1000Base-SX Multi-mode fiber for the link up to 550m
- 9K jumbo frames to increase data transfer rates
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Dip switches for customized configuration
- Supports low-time lag transmission
- Supports the transmission of extra-long packets up to 1.6KB
- -10°C ~ 55°C operating temperature range

TECHNICAL DATA

- Standards & Protocols = IEEE 802.3 10-BASE-T, Ethernet IEEE 802.3u 100-BASE-TX, Fast Ethernet IEEE 802.3ab 1000BASE-T, Gigabit Ethernet IEEE 802.3x Flow Control (full-duplex flow control) IEEE802.3z 1000Base-SX/LX
- Connectors and Cabling = Fiber Duplex SC (550m);RJ-45 Port CAT-5/5e Twisted Pair cable Auto MDI/MDI-X (Max to 100m) and Auto-Negotiation
- Wavelength = 850nm
- Indicator = PWR, TX (FDX, 100, 1000, Link/Act), FX Link/Act
- Transmission Method = Store and forward (Default)
- Power = DC 5V/2A
- General = DIP Switch 1: LFP function DIP Switch 2 and 3 performance 4 types work mode DIP Switch 2 and 3 is OFF = Store and forward DIP Switch 2 is OFF, 3 is ON = Cut through mode DIP Switch 2 is ON, 3 is OFF = Smart pass through DIP Switch 2 and 3 is ON = Pass through mode
- Operating Distance = 550m
- Temperature = Storage: -40 ~75 °C Operating: -10 ~ 55 °C
- Humidity (Non-condensing) = 5 ~ 90%
- Dimensions (W x D x H) = 71 x 94 x 26
- Weight = 420g
- Approval and Compliance = CE, RoHS, FCC
- Deployment = Desk, chassis mounted
- Order Information = QLGVT2001-
- Package Contents = QLGVT2001-, Power Adapter, Quick Installation Guide

Technical Data

Net length (mm)	94,00
Net width (mm)	71,00
Net height (mm)	26,00
EAN	4015867185162
Min. ambient temperature (°C)	-10
Max. ambient temperature (°C)	55
Product	Mediaconverters
Speed	10/100/1000Mbps
Fiber	multimode

Article Table

DESCRIPTION	Order No.
Mediaconverter 1x RJ45 10/100/1000 - 1x FO SC 1000 MM 550m	QLGVT2001
Optional Accessories	
FO Patchcord Duplex SC/UPC - SC/UPC, 50/125µm OM3, 2.0m LSOH, aqua	HLP23CC02F
FO Patchcord Duplex LC/UPC - SC/UPC, 50/125µm OM3, 2.0m LSOH, aqua	HLP23LC02F
FO Patchcord Duplex SC/UPC - SC/UPC, 50/125µm OM4, 2.0m LSOH, heather violet	HLP24CC02F
FO Patchcord Duplex LC/UPC - SC/UPC, 50/125µm OM4, 2.0m LSOH, heather violet	HLP24LC02F
Patchcord RJ45 shielded Cat.6a 10GB, LSOH, grey, 2.0m 4PPoE 100W, PREMIUM	H6GTG02K0G