DATASHEET

Fast Ethernet RJ45 to SC media converter



General data

Transmits data from 10/100Base-TX copper to fiber interfaces
SC single-mode fiber optic connector for transmission up to 20 km
Integrated LFP (Link Fault Pass-through) (LLCF/LLR) technology< br>IEEE-802.3x flow control protects against packet loss and ensures reliable data transmission
Toggle switch for configuration adjustment
Supports transmission with a short time delay
Supports transmission of extra-long packets up to 1.6 kB
Operating temperature range of -10°C to 55°C

The FVT-2201 SMF SC media converter can convert network signals between copper and fiber-based networks. The converter is equipped with a 10/100Base-TX RJ-45 port, supports full-duplex and half-duplex switch connectivity and 10Base-T and 100Base-TX automatic detection. When used in multi-mode with fiber optic cabling, the network range can be extended up to 20 km.

The device has integrated dip switches for easy converter configuration, is based on the intelligent LFP (Link Fault Pass-through), which means the converter Can monitor both fiber optic and copper connections for signal loss.

The FVT-2201 can work at temperatures from -10° to 55° Celsius. The converter can be used as a standalone system or as a plug-in module in the CHV-2000 19-inch converter rack, which can hold up to 14 devices for use in a central distribution cabinet.

Port configuration
Fast Ethernet RJ45 1

general
Color: Black

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Miscellaneous
Data rate Fast Ethernet
Fiber Optical Mode Single Mode
Media Interface RJ45 to SMF SC
Manageable No
Grade Commercial

Others
Operating humidity 5% RH ~ 90% RH
Operating temperature -10°C ~ 55°C
Scope of delivery Power adapter,
Quick Installation Guide

Physical Specifications
Dimensions (W x D x H) 94 x 70 x 25 mm
Product weight (kg) 0.42

System specifications
indicator PWR,
TX (FDX, 100, Link/Act),
FX (100, Link/Act)
Standards IEEE 802.3 10-BASE-T, Ethernet,
IEEE 802.3u 100-BASE-TX, Fast Ethernet,
IEEE 802.3x Flow Control (full-duplex flow control)
Wavelength (nm) 1310

Technical properties	
Ethernet	True
Fast Ethernet	True
Managed	False
Manufacturer	LevelOne
Power over Ethernet	False

Available variants

ArtNr.	Bezeichnung	Unique
FVT-2201	Fast Ethernet RJ45 to SC media converter	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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