FVT-2002 RJ45 to ST Fast Ethernet Media Converter, Multi-Mode Fiber, 1310nm, 2km

Product Images

Short Description

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Multi-mode fiber with ST connector for transmission of up to 2km
- 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 to 55°C operating temperature range

Description

The FVT-2002 MMF ST media converter is able to convert network signals between copper and fiber-optic based networks. The converter provides a 10/100Base-TX RJ-45 port, supports full duplex and half duplex switch connectivity and 10Base-T and 100Base-TX auto-sensing. Used in multi-mode with fibre-optic cabling, this can extend a network range up to 2 km.

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 converter transmission method, auto-negotiation mode for adjusting copper speed and full & half duplex mode.

The FVT-2002 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 Chassis, which can accommodate up to 14 units for use in a central wiring closet.

Additional Information

Fast Ethernet RJ45	1
Harmonized System (HS) code	851762
Customs product code (TARIC)	8517620000
Color	Black
EAN	4015867225479
Model Number	FVT-2002
Fiber Optical Mode	Multi-Mode
Media Interface	RJ45 to MMF ST
PoE Supported	No
Manageable	No
Grade	Commercial
Operating humidity	5% RH ~ 90% RH
Operating temperature	-10°C ~ 55°C
Package Contents	• FVT-2002 • Power Adapter • Quick Installation Guide
Data Rate	100Mbps
Indicators	• PWR • TX (FDX, 100, Link/Act) • FX (100, Link/Act)
MTBF	600,000hrs.
Power supply included	Yes
Standard	• 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
Dimensions (W x D x H)	94 x 70 x 25 mm
Product weight (kg)	0.2