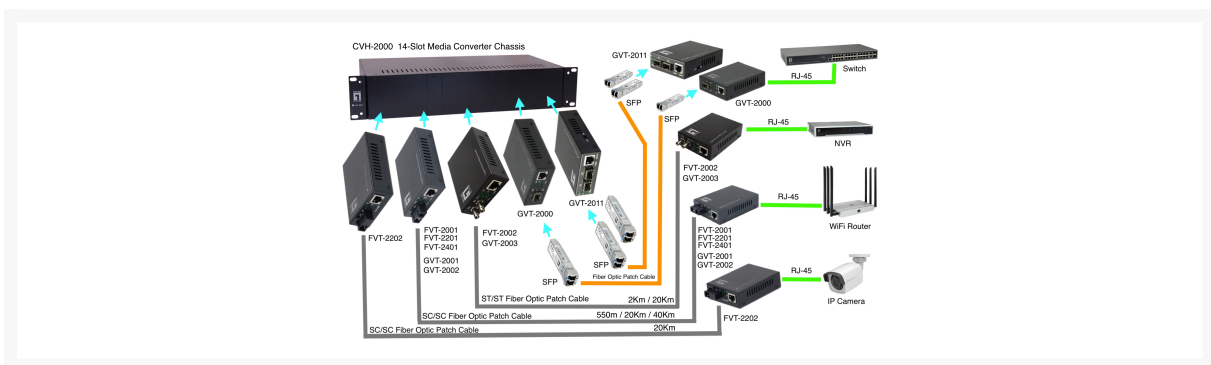


GVT-2003 RJ45 to ST Gigabit Ethernet Media Converter, Single-Mode Fiber, 1310nm, 20km

Product Images



Short Description

- Single-mode fiber with ST connector for transmission of up to 20km
- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- 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
- -10°C to 55°C operating temperature range

Description

The GVT-2003 SMF ST 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 single-mode with fibre-optic cabling, this can extend a network range up to 20km. 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-2003 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.

Additional Information

Harmonized System (HS) code	851762
Customs product code (TARIC)	851762
Data rate	Gigabit Ethernet
Fiber Optical Mode	Single-Mode
Media Interface	RJ45 to SMF ST
PoE Supported	No
Manageable	No
Grade	Commercial
Approval and Compliance	● CE ● UKCA ● RoHS
Operating humidity	5% RH ~ 90% RH
Operating temperature	-10°C ~ 55°C
Storage humidity	5% RH ~ 90% RH
Storage temperature	-40°C ~ 70°C
Package Contents	● GVT-2003 ● Power Adapter ● Quick Installation Guide ● Declaration of Conformity
Dimensions (W x D x H)	94 x 71 x 26 mm
Product weight (kg)	0.2
Color	Black
EAN	4015867231234
Model Number	GVT-2003
Indicators	● POWER (Power supply) ● FX LINK (Optical link action) ● TP LINK1000 (TP cable rate1000M) ● TP LINK100 (TP cable rate 100M) ● TP ACT (TP cable packet forwarding action) ● FDX (TP full duplex operation)
Mount	Desk mount
Power consumption	5 W
Power supply included	Yes

Standard

● IEEE802.3 10Base-T Ethernet ● IEEE802.3u
100Base-TX Fast Ethernet ● IEEE802.3ab
1000Base-T ● IEEE802.3z 1000Base-SX/LX
Gigabit Ethernet

Wavelength (nm)

1310

