



GVT-2001 Version: 1

## Convertisseur de support Gigabit RJ45 vers SC, 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.



1. 10/100/1000Mbps Fiber Port
2. LED Indicators
3. 10/100/1000Mbps RJ-45 Port



4. DC Power Jack
5. Dip Switch

### Caractéristiques Principales

- Transfert de données entre les interfaces 10/100/1000Base-T cuivre et les interfaces fibre
- Fibre multi-mode 1000Base-SX pour lien jusqu'à 550m
- Trames étendues de 9K pour un débit optimal de transfert des données
- Technologie LFP (Link Fault Pass-through) (LLCF/LLR) intégrée
- Système de contrôle de flux IEEE 802.3x pour une protection optimale contre les pertes de paquets en vue d'une transmission fiable des données
- Commutateurs DIP pour une configuration personnalisée
- Prise en charge de la transmission avec faible décalage



- Prise en charge de la transmission de paquets extra-longus jusqu'à 1,6 Ko
- Température de fonctionnement de -10°C ~ 55°C

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## Works With



### CVH-2000

Châssis de convertisseur de média à 14 fentes



### GVT-2000

Convertisseur SFP 10/100/1000BASE-T vers 1000BASE-X

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## Caractéristiques

### Caractéristiques système

#### Normes et protocoles:

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,

#### Port:

Fiber Duplex SC (550m);RJ-45 Port CAT-5/5e Twisted Pair  
cable Auto MDI/MDI-X (Max to 100m) and Auto-Negotiation

#### Indicateur:

PWR,TX (FDX, 100, 1000, Link/Act), FX Link/Act

#### Longueur d'onde (nm):

850nm

#### Méthode de transmission:

Store and forward (Default)

#### Entrée d'alimentation:

DC 5V/2A

### Caractéristiques

#### Général:

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

### Performances

#### Portée:

550 m

### Conditions environnementales

Température de fonctionnement (°C):

Storage: -40 ~75 °C

Operating: -10 ~ 55 °C

Hygrométrie de fonctionnement:

5 ~ 90 %

Installation:

Desk, chassis mounted

## Spécifications physiques

Dimensions (L x P x H mm):

71 x 94 x 26 mm

Poids (g):

420 g

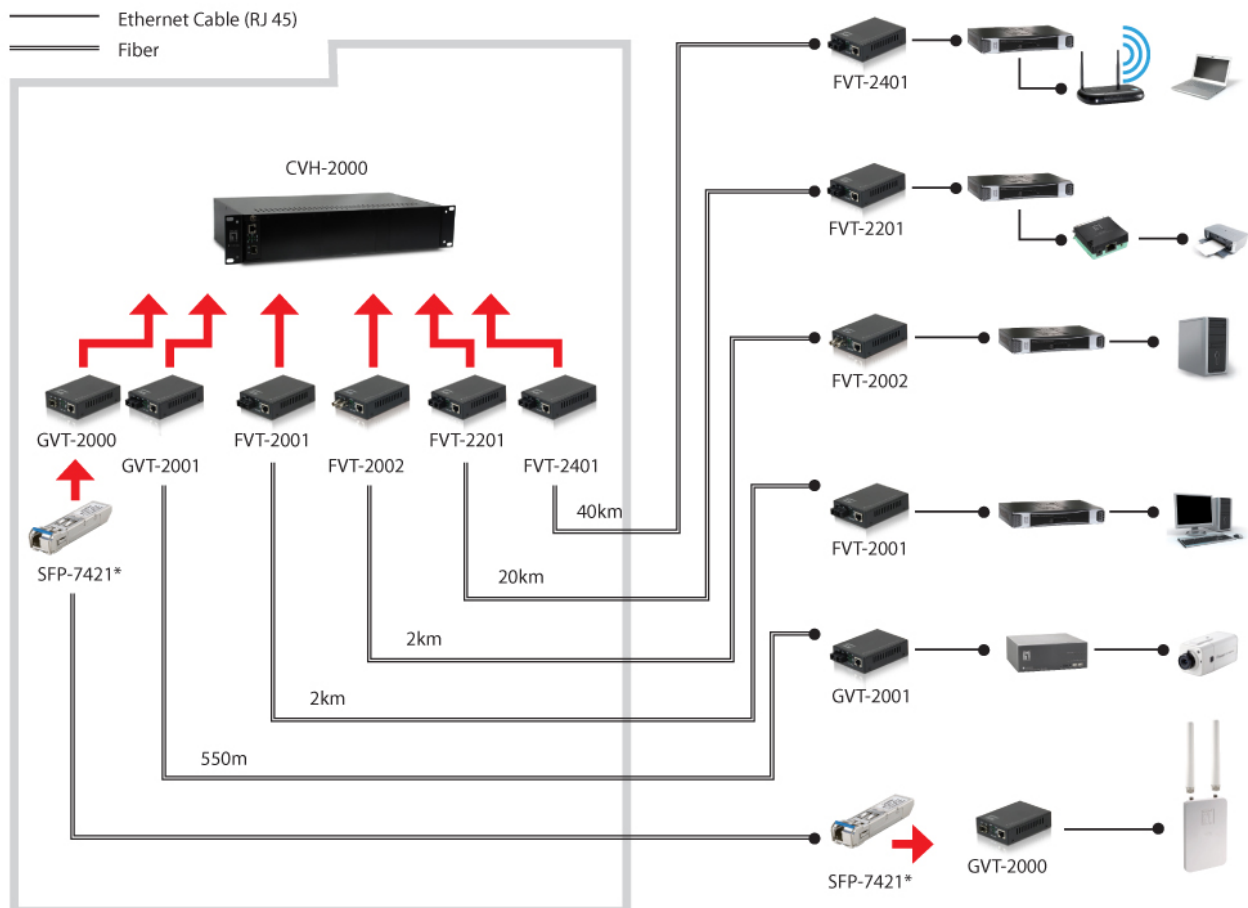
## Approbation et conformité

EMI/EMS:

CE, RoHS, FCC

## Schéma De Câblage

### Dimension Diagram



\*In above example diagram, converter modules at local and remote ends should be paired for proper connectivity, and the distance mainly depends on cable and transceiver selection accordingly.

## Informations Relatives À La Commande

GVT-2001

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## Contenu De L'emballage

GVT-2001

Adaptateur d'alimentation

Guide d'installation rapide

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## Accessoires En Option



### **CVH-2000**

Châssis de convertisseur de média à 14 fentes

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