

Convertidor SFP de 10/100/1000BASE-T a 1000BASE-X

The GVT-2000 media converter is able to convert network signals between copper and fiber-optic based networks. The converter provides a SFP slot for 1000Base-X Gigabit optic module and 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.

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-2000 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

- Transfiere datos desde interfaces de cobre 10/100/1000Base-T a fibra
- Ranura SFP que admite módulos ópticos Gigabit que se pueden enchufar y que ofrecen la posibilidad de elegir entre una variedad de transceptores
- 9000 marcos jumbo para aumentar las velocidades de transferencia de datos
- Tecnología LFP (Link Fault Pass-through) (LLCF/LLR) integrada
- El control de flujo IEEE 802.3x evita la pérdida de paquetes para mejorar la fiabilidad de la transmisión de datos
- Conmutadores DIP para configuraciones personalizadas
- Admite transmisión común bajo retardo
- Admite la transmisión de paquetes extragrandes de hasta 1,6 KB
- Intervalo de temperatura de funcionamiento entre -10°C ~ 55°C

Specifications

System Specifications

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,

**Puerto:**

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

Indicador:

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

Longitud de onda (nm):

depend on SFP module

Método de transmisión:

Store and forward (Default)

Entrada de alimentación:

DC 5V/1A

El consumo de energía:

1.2W

Temperatura de funcionamiento (° C):

-10 ~ 55 °C

Humedad de funcionamiento:

5 ~ 90 %

Temperatura de almacenamiento (° C):

-40 ~75 °C

Humedad de almacenamiento:

5 ~ 90 %

Instalación:

Desk, chassis mounted

Features

General:

DIP Switch 1:LFP function;

DIP Switch 2:Flow-Control

Performance

Distancia de funcionamiento:

Depend on SFP Module

Physical Specifications

Dimensiones (W x D x H mm):

71 x 94 x 26 mm

Peso (gramos):

420

Reliability

MTBF:

50000hrs

Approval and Compliance

EMI/EMS:

CE,FCC

Order Information

GVT-2000

Package Contents

GVT-2000

Power Adapter

Quick Installation Guide

Accesorios



CVH-2000

Chasis para Convertidores de Medios de 14 slots

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