![level one logo]

FVT-2202 Version: 1

RJ45 to SC BIDI Fast Ethernet Media Converter Set, Single-Mode Fiber, 20km

FVT-2202 Fast Ethernet Media Converter Set is ideally designed for connecting two copper wire networks over long distances via fiber optical communication. Featuring Bi-directional (BIDI) fiber optic interface with SC connector allows data transfer in either direction through a single optical fiber by employing separate wavelengths travelling in either direction. Used in single-mode with fibre-optic cabling, this can extend a network range up to 20km.

Key Features

- Transfers data from 10/100Base-TX copper to fiber interfaces
- Built-in LFP (Link Fault Pass-through) (LLCF/LLR) Technology
- 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
- Single-mode fiber with BIDI SC connector for transmission of up to 20km

Works With

CVH-2000
14-Slot Media Converter Chassis

FVT-2401
RJ45 to SC Fast Ethernet Media Converter, Single-Mode Fiber, 40km

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3x Flow Control (full-duplex flow control)

Port:
1 x 100Base-FX Single-mode Single-core(WDM) SC
Fiber cable: 8.3/125um, 9/125um, 10/125um

1 x 10/100Base-TX RJ-45 Port, auto MDI/MDI-X and Auto-Negotiation
CAT-5 Twisted Pair cable

Indicator:
PWR, TX (FDX, 100, Link/Act), FX (100, Link/Act)

Wavelength (nm):
TX1310/RX1550nm
TX1550/RX1310nm

Transmission Method:
Store and forward (Default)

Power Input:
DC 5V/1A

Features

General:
DIP Switch 1: LFP function
DIP Switch 2: Transmission Mode
DIP Switch 3: Auto/Force the UTP port work mode
DIP Switch 4: 10/100M for UTP port
DIP Switch 5: Full/Half Duplex mode for UTP port
DIP Switch 6: Normally close

Performance

Operating Distance:
Fiber connection up to 20km

Environment

Temperature (°C):
Storage: -40 ~75 °C
Operating: -10 ~ 55 °C

Humidity (Non-condensing):
5 ~ 90 %

Installation:
Desk, chassis mounted

Physical Specifications

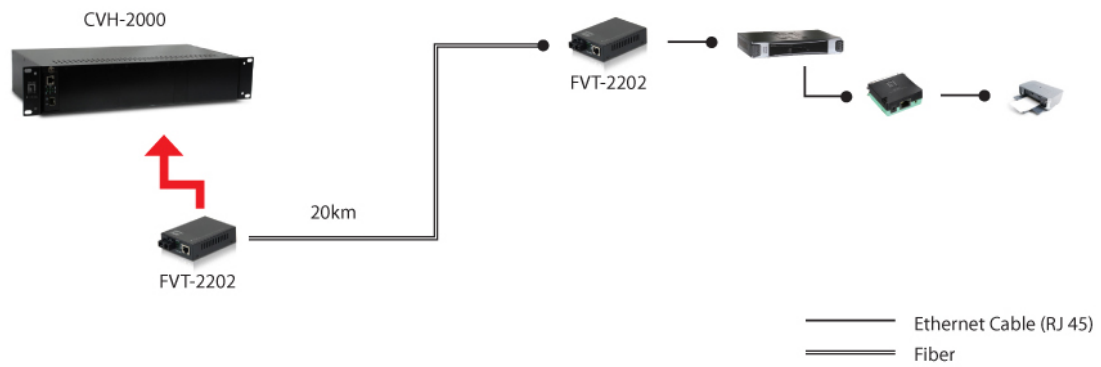Dimensions (W x D x H mm):
71 x 94 x 26 mm

Weight (g):
420 g

Approval and Compliance

EMI/EMS:
CE, FCC

Diagram

CVH-2000

FVT-2202

20km

FVT-2202

Ethernet Cable (RJ 45)
Fiber

Order Information

FVT-2202

Package Contents

FVT-2202
Quick Installation Guide
Power Adapter (x2)

Optional Accessory

CVH-2000
14-Slot Media Converter Chassis