CVT-100BTFX / W2X
Fast Ethernet 10/100Base-TX to 100Base-FX Switching Converter

KEY FEATURES

- Comply with IEEE 802.3 10Base-T, 802.3u 100Base-TX & 100Base-FX Standard
- Store and Forward Switching Mechanism
- Auto-Cross over for MDI/MDIX in TP port
- 10/100Mbps Auto-Negotiation in TP port
- Support 1K MAC address
- Support 48K Byte Packet Buffer
- Support Link Alarm
- Support Power/FDX/FX & TP Link Activity/FX & TP Speed LED
- Support Switch mode & Pure converter mode
- Voltage supervisor

DESCRIPTIONS

CVT-100BTFX / W2X Converter from Connection Technology Systems is compact size units and fulfill the FCC emission standards. This converter converts 10/100Base-TX to 100Base-FX with LED diagnostics for Power, Activity, Link and Full Duplex / Half Duplex operation. All of are fully compliant with the IEEE 802.3 & 802.3u Fast Ethernet standards and feature one STP-RJ45 10/100Base-TX port as well as one Fiber Optic 100Base-FX (SC/ST/MTRJ) port.

The CVT-100BTFX/W2X is used in applications where multimode fiber is installed while the CVT-100BTFC (SM-30/50/60/80/100) can be used where single mode fiber cables are in use. In single mode applications distances up to 10,000m/30,000m can be achieved. Each unit is powered by an external power supply. Installation of the Fast Ethernet converter is simple and straightforward. The powerful features are as 10/100 Auto Negotiation, Auto cross over for TP port, Fiber Link Alarm, Voltage supervisor, and support switch mode & pure converter mode.
APPLICATION

SPECIFICATIONS

Standard
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX & 100Base-FX

Interface
10/100Base-T RJ-45 Port x 1
100Base-FX Port x 1

Switching Method
Store and forward

Data Transfer Rate
200 Mbps-Full duplex

MAC Table & Memory Buffer
MAC address table: 1K
Memory buffer: 48K

Forward / Filtering Rate
10M: 14,880/14,880pps
100M: 148,800/148,800pps

Power
Ext. Power Supply, DC 5V, 1.6A
Power consumption: 5 W

Typical Operation Temperature
Operation: 0° ~ 50°C
Storage Temperature: -20° ~ 60°C
Humidity: 5% ~ 90% non-condensing

Dimension and Weight
Size: 71 x 97 x 26 mm (WxDxH)
Shipping Weight: 0.6KG

Emission/Safety
FCC Class A, CE
* For further reports, please contact us for update.

ORDER INFORMATION

Multi-Mode
CVT-100BTFC
CVT-100BTFT
CVT-100BTFMR

Single-Mode
CVT-100BTFCS (SM-30/50/60/80/100)

Single-Mode-WDM
CVT-100W2A (SM-20/40)
CVT-100W2B (SM-20/40)