

100TX to 100FX-SC POE Converter

LevelOne's FVT-0103TXFC and FVT-0104TXFC are new Power-over-Ethernet-converters that transfer data from 10/100BaseTX copper to fiber interfaces. These POE Converters are designed to receive data and power from POE networks and then to refer data out through fiber connections thus eliminating extra power cables to extend the usefulness of the network

LevelOne's POE converter complies with IEEE802.3af standard. The 10/100 Base-TX port auto-senses 10 or 100Mbps connection speeds, auto-negotiates half-/full-duplex modes, and auto-selects MDI-X media type. It comes in two models: FVT-0103TXFC with Multi-mode SC connector and FVT-0104TXFC with Single-mode SC connector. These converters will give your POE network the ability to interface with fiber connections over a distance of up to 20km.

With its compact design, our POE converters easily fit on any limited space. No software is required. You can easily active this device by simply connecting it to the network cable and it's ready to go.



FVT-0103TXFC
FVT-0104TXFC

Related Products



FVT-0203TXFC

100TX to 100FX-SC MM Converter w/POE Injector



FVT-0204TXFC

100TX to 100FX-SC SM Converter w/POE Injector

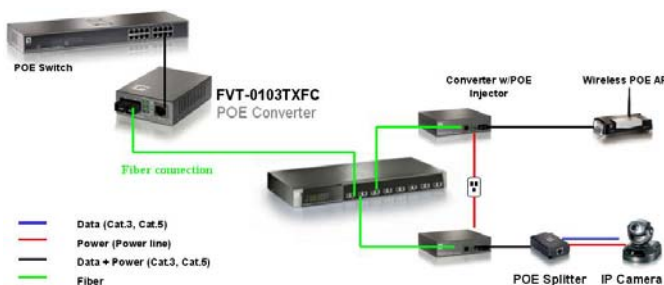
Key Features

- 10/100Base-TX UTP to 100Base-FX fiber media conversion
- Complies with IEEE 802.3af POE standard
- Over-current protection and Under-current detection
- Choice of SC connectors for multi- and single-mode
- DIP Switch to set configurations

Technical Specification

- **Standards Compliance**
IEEE 802.3/ IEEE 802.3u
IEEE 802.3af Power Over Ethernet
- **Connector**
10/100Base-TX: STP RJ-45
100Base-FX: MM SC, SM SC
- **Fiber Cable**
50/125, 62.5/125 or 100/140m multi-mode
8.3/125, 8.7/125, 9/125 or 10/125m single-mode
- **Data Transfer Rate**
100Mbps: 148,800 pps
10Mbps: 14,880 pps
- **Flow control**
IEEE802.3x for full-duplex
Backpressure flow control for half-duplex
- **POE Power Reception Supports**
"Ethernet" via TP pin 1,2,3,6
"Mid Span": via TP pin 4,5,7,8
- **LED Indicators**
Power, PoE, TP Link/Act, 100, FX Link/Act, FDX/COL
- **Power Requirement**
60mA@-48VDC from IEEE802.3af PSE or PoE injector
- **Temperature**
Operating: 0°C ~50°C
- **Humidity**
5%~90% (RH)
- **Dimension**
26.2(H) x 70.3(W) x 94(D) mm
- **Certification**
FCC, CE

Product Diagram



Ordering Information

- FVT-0103TXFC: 100TX to 100FX-SC Multi-Mode POE Converter
- FVT-0104TXFC: 100TX to 100FX-SC Single-Mode POE Converter (20km)