

Fiber Converter

LevelOne's media converters are Fast Ethernet 100Base-TX to Fiber 100 Base-FX converters to provide the flexibility required in network integration. They convert electrical signals from 100Base-TX side into an optical signal at 100Base-FX side and vice versa.

The 10/100Base-TX port auto-sense 10/100Mbps connection speed, auto-negotiates half/full duplex modes and auto-selects MDIX media type. The fiber connectors come with multimode SC/ST or singlemode SC connector to provide necessary connection interface and distance capabilities.

These LevelOne converters are also designed in a compact form to save installation space. In order to optimize manageability and maintenance facilities, LevelOne thus have designed 19" racks to organize media converters the smart way. By providing a single power supply additionally in each package LevelOne guarantees independent use of each media-converter.



FVT-0101TXFC



FVT-0102TXFT



FVT-0102TXFC

Technical Specification

		FVT-0101TXFC	FVT-0102TXFC	FVT-0102TXFT
Standards Compliance		IEEE 802.3, IEEE 802.3u, IEEE 802.3z		
Protocol		CSMA/CD		
Data Transfer Rate		100 Mbp (Half-duplex), 200 Mbps (Full-duplex)		
Interface	Fast Ethernet	1 x RJ-45		
	Fiber	1 x SC	1 x SC	1 x ST
Network Media	Fast Ethernet	Cat 5, EIA/ TIA-568 100-ohm UTP/STP, up to 100 meters		
	Fiber	8.3/125, 8.7/125, 9/125 or 10/125µm single-mode	50/125, 62.5/125 or 100/140 µm multi-mode	50/125, 62.5/125 or 100/140 µm multi-mode
Center Wave Length		1310nm	1310nm	1310nm
Max. Transfer distance		20km	2km	2km
LED Indicator		FX Tx, Link, TX Tx, Link, FDX, POWER		
Power Requirement		2A@5VDC		
Operation Temperature:		0°C~50°C		
Humidity		5 ~ 90% (non-condensing)		
Dimensions (mm)		26.2mm (H) x 70mm (W) x 94mm (D)		
EMI and Safety		FCC, CE		

Ordering Information

- FVT-0101TXFC: 100TX to 100FX SC Fiber Single-mode converter
- FVT-0102TXFC: 100TX to 100FX SC Fiber Multi-mode converter
- FVT-0102TXFT: 100TX to 100FX ST Fiber Multi-mode converter