



## 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-0102TXFC



FVT-0102TXFT

## Technical Specification

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