

10/100 Base-TX to 10/100 Base-FX Fiber SC/ST Converter (Singlemode)



Product Overview

The Fast Fiber Converter FIB- 10/100M/ST and FIB- 10/100M/SC provides you with ST or SC connector for your fiber optic cable and RJ-45 ports (straight through and crossover) for your 10/100 Base-TX twisted pair cable connection.

Utilizing singlemode optical cable, the cabling distance of your 100Base-TX network may be extended to 15, 30 or 50 kilometers. When auto-negotiation is selected, these unit will automatically tailor themselves to convert both half-duplex and full duplex signals, depending on your specific network needs. You may also set also set the unit to convert signals in full-duplex or half duplex only. Five LED indicators signal the power status of the converter, RJ-45 port and FX port activity, and full or half duplex status.

Features

- Complies with IEEE 802.3u 10/100 Base-FX and 10/100 Base-TX standards.
- Fiber connectivity models for 15, 30 or 50KM.
- ST to SC connector accommodates singlemode fiber size 9/125um.
- Two RJ-45 for straight or cross-over connection.
- Full duplex, Half duplex or auto selectable.
- 5 diagnostic LEDs

Specification

Compatibility	
Standards	IEEE 802.3u 10/100 Base-TX and 10/100 Base-FX
Protocol	CSMA/CD
Physical Characteristics	
Interface	ST or SC fiber connector, using 9/125um singlemode fiber optic cable
	RJ-45 connector, using UTP 100 ohm Cat 5 cable or above cable
Maximum Segment Length	UTP cable (10/100 Base- FX) : 100 meters
	singlemode cable, full duplex: 15, 30 or 50 Kilometers
Temperature	0°C to 70°C (Operating)
Humidity	10% to 90% (Non-condensing)
External Power Supply	Input Rating : 110 or 220 VAC, 50-60HZ
	Output Rating : 9VDC, 800mA

Ordering Information

Part Number	Description
TTFO-CV-100S-SC15	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 15Km
TTFO-CV-100S-SC30	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 30Km
TTFO-CV-100S-SC50	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 50Km
TTFO-CV-100S-SC120	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 120Km