

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



Litech Fiber Converter LTCV-100S-SC provides you with 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 15,25,30 and 60 kilometers. When auto-negotiation is selected, these units will automatically tailor themselves to convert both half-duplex and full duplex signals, depending on your specific network needs. You may 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 100 Base-TX standards
- Fiber connectivity models for 15, 30 or 50KM
- ST or 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 100 Base-TX
Protocol	CSMA/CD
Physical Characteristics	
Interface	ST or SC connector, using 9/125um singlemode fiber optic cable RJ-45 connector, using UTP 100 ohm Cat 5 or above cable
Maximum Segment Length	UTP cable (10/100 Base-TX) : 100 meters singlemode cable, full duplex: 15,25,30 and 60 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
LTCV-100S-SC15	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 15Km
LTCV-100S-SC25	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 25Km
LTCV-100S-SC30	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 30Km
LTCV-100S-SC60	10/100 Base-TX to Fiber Converter, Singlemode, ST(SC) Type, 60Km