



## LFC-10-100-SCxxx

10/100Base-Tx to 100Base-FX built-in SC port Media Converter

The LFC-10-100-SC is a Fast Ethernet 10/100Base-Tx to 100Base-FX SC built-in optical port, non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SC 1x9 fixed port has Fast Ethernet speed and is available in multiple configurations like: multi-mode, single-mode or BiDi which allows bi-directional transmissions using only a single fiber strand cable. DIP sw allow setting of fiber port speed, LFP function or transparent or switching converter mode. LED indicators signal the power status, FX status, UTP speed and link status of each port.

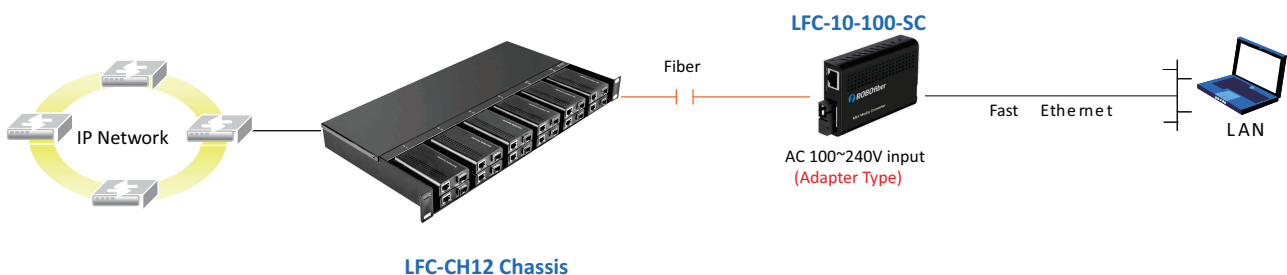
### Features

- 10/100Base-T to 100Base-FX built-in SC Converter
- DIP settings for mode and UTP speed and LFP functions
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Auto-Negotiation & Auto MDI/MDI-X
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru
- Aggregates into LFC-CH12 chassis (12 slots on 1RU space)

### Specifications

Optical Interface	Connector	Built-in optical 1x9 with SC connectors	Standards	IEEE 802.3, 802.3u
	Data rate	155M (FE)	Indications	LED (Power, FX Link, 100M, TP Link)
	Duplex mode	Full duplex	Power Input	Adapter Type: DC 5V/1A Power Input : AC 100 ~ 240V, 50-60Hz Power plug: US 2 blade, type A connector(EU & UK available)
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm	Power Consumption	< 4W
	Distance	check ordering information table	Dimensions (D x W x H)	90 x 60 x 20mm (SFP transceiver and AC adapter not included)
	Wavelength	check ordering information table MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)	Weight	Adapter : 90g Converter : 120g
Electrical Interface	Connector	RJ-45	Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
	Data rate	10Mbps, 100Mbps	Humidity	10 ~ 90% non-condensing
	Duplex mode	Full duplex	Certification	CE, FCC
	Cable	100Base-TX Cat.5, 5e or higher	MTBF	65,000 hrs

### Application



### Ordering Information

Model Name	Description
LFC-10-100-SC002	10/100Base-Tx to 100Base-FX, SC, MMF, 2Km, 1310nm, non-managed Media Converter Adapter Type (multi-mode)
LFC-10-100-SC020	10/100Base-Tx to 100Base-FX, SC, SMF, 20Km, 1310nm, non-managed Media Converter Adapter Type (single-mode dual strand)
LFC-10-100-SC20A	10/100Base-Tx to 100Base-FX, SC BiDi 20Km type A, T:1310/R:1550nm, non-managed Media Converter (single-mode single strand)
LFC-10-100-SC20B	10/100Base-Tx to 100Base-FX, SC BiDi 20Km type B, T:1550/R:1310nm, non-managed Media Converter (single-mode single strand)