



LFC-100-SFP

10/100Base-Tx to 100Base-X SFP
Media Converter

The LFC-100-SFP is a Fast Ethernet 10/100Base-Tx to 100Base-X non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SFP slot works as a Fast Ethernet speed port and can take any type of SFP: multi-mode, single-mode, CWDM or DWDM as well as BiDi which allows bi-directional transmissions using only a single fiber strand cable. DIP sw allow setting of copper port speed, LFP function or transparent or switching converter mode. LED indicators signal the power status, UTP and FX ports speed and Link status of each port.

Features

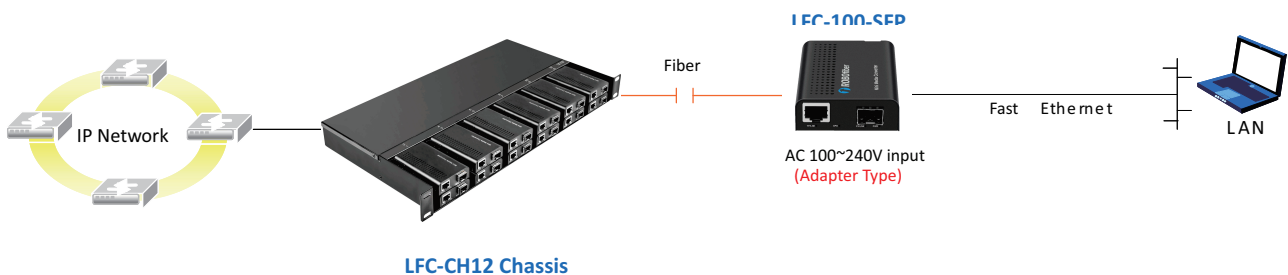
- 10/100Base-T to 100Base-X SFP Converter
- DIP settings for flow and UTP speed and LFP functions
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Auto-Negotiation & Auto MDI/MDI-X
- Supports Q in Q double tagged frame transparent
- Supports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

Specifications

Optical Interface	Connector	SFP slot (LC connectors)
	Data rate	155M (FE)
	Duplex mode	Full duplex
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm
	Distance	Depending on SFP used
	Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)
Electrical Interface	Connector	RJ-45
	Data rate	10Mbps, 100Mbps
	Duplex mode	Full duplex
	Cable	100Base-TX Cat.5, 5e or higher

Standards	IEEE 802.3, 802.3u
Indications	LED (Power, FX Link, 100M, TP Link)
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)
Power Consumption	< 4W
Dimensions (D x W x H)	90 x 60 x 20mm (SFP transceiver and AC adapter not included)
Weight	Adapter : 90g
	Converter : 120g
Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC
MTBF	65,000 hrs

Application



Ordering Information

Model Name	Description
LFC-100-SFP	10/100Base-Tx to 100Base-X SFP Non-managed Media Converter Adapter Type