



## LFC-1002-SFP

2x 10/100/1000Base-T to 100/1000Base-X SFP Media Converter

The LFC-1002-SFP is a Gigabit Ethernet 2x10/100/1000Base-T to 100/1000Base-X non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SFP slot allows both Gigabit and Fast Ethernet operation 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 fiber port speed, Jumbo packet support or port based VLAN for RJ-45 side. LED indicators signal the power status, UTP and FX ports speed and Link status of each port.

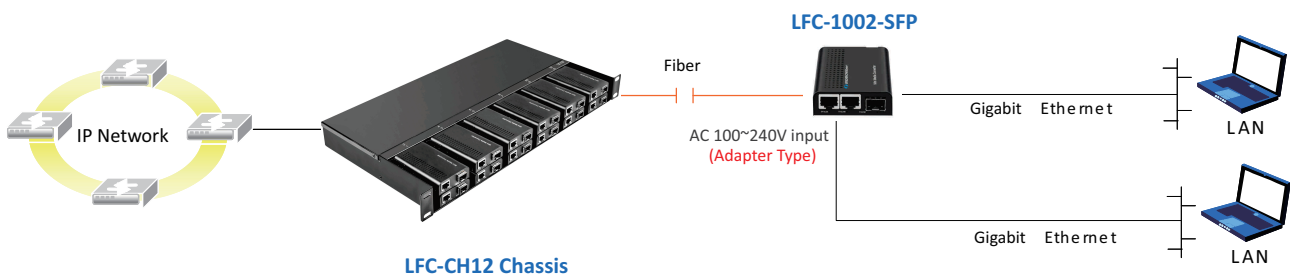
### Features

- 2x10/100/1000Base-T to 100/1000Base-X SFP Converter
- DIP settings for fiber 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 and port based VLAN
- Aggregates into LFC-CH12 chassis (12 slots on 1RU space)

### Specifications

Optical Interface	Connector	SFP slot	Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab				
	Data rate	1.25G (GE) or 155M (FE)		Indications	LED (Power, FX Link, SPD, TP Link)			
	Duplex mode	Full duplex			Power Input	Adapter Type: DC 5V/1A		
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm				Power Input : AC 100 ~ 240V, 50-60Hz		
	Distance	Depending on SFP used				Power plug: US 2 blade, type A connector(EU & UK available)		
	Wavelength	Depending on SFP used				Power Consumption	< 4W	
		MM 1310nm, SM 1310,1550nm					Dimensions (D x W x H)	90 x 60 x 20mm (SFP transceiver and AC adapter not included)
	WDM 1310Tx/1550Rx (Type A)	Weight	Adapter : 90g					
	1550Tx/1310Rx (Type B)		Converter : 120g					
Electrical Interface	Connector		RJ-45 x 2	Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)			
	Data rate		10Mbps, 100Mbps, 1000Mbps		Humidity			10 ~ 90% non-condensing
	Duplex mode		Full duplex					Certification
	Cable		100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher			MTBF		

### Application



### Ordering Information

Model Name	Description
LFC-1002-SFP	2 x 10/100/1000Base-T to 1000Base-X SFP Non-managed Media Converter Adapter Type