



LFC-1001-SFP

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

The LFC-1001-SFP is a Gigabit Ethernet 10/100/1000Base-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, 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.

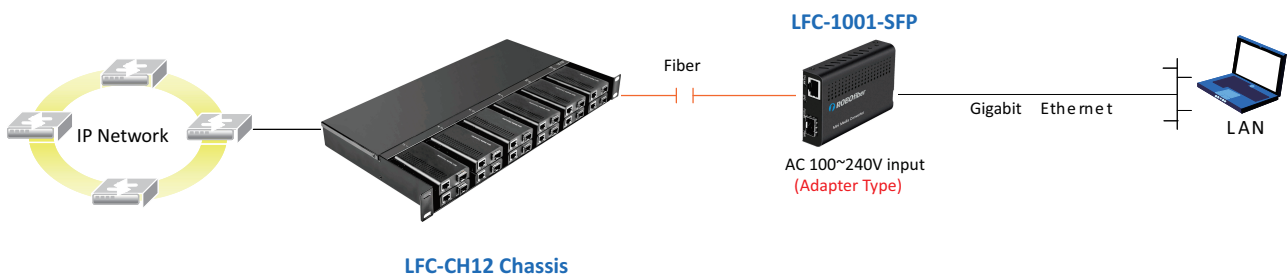
Features

- 10/100/1000Base-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
- 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
	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 WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)			Dimensions (D x W x H)
Electrical Interface	Connector	RJ-45	Weight	Adapter : 90g Converter : 120g	
	Data rate	10Mbps, 100Mbps, 1000Mbps		Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
	Duplex mode	Full duplex	Humidity		10 ~ 90% non-condensing
	Cable	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher		Certification	CE, FCC
		MTBF	65,000 hrs		

Application



Ordering Information

Model Name	Description
LFC-1001-SFP	10/100/1000Base-T to 1000Base-X SFP Non-managed Media Converter Adapter Type