LFC-10GT-SFP

10GBase–T to 10GBase–X SFP+ slot
Media Converter

The LFC-10GT-SFP is a 10G Ethernet 10G Base-T to 10G Base-X SFP+ slot non-managed stand-alone media converter.
The SFP+ slot allows 10G 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.
LED indicators signal the power status, UTP and FX ports speed and Link status of each port.
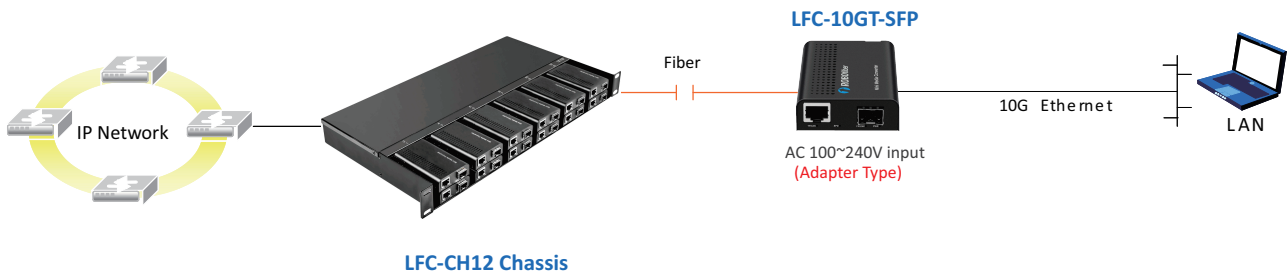
Features

- 10G Base-T to 10G Base-X SFP+ slot Converter
- Data transparent
- Supports any type of SFP+: MM, SM, CWDM, DWDM or BiDi types
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Supports SFP+ hot swap
- 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
	Data rate	10GE
	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 1270Tx/1330Rx (Type A)
		1330Tx/1270Rx (Type B)
Electrical Interface	Connector	RJ-45
	Data rate	10Gbps
	Duplex mode	Full duplex
	Cable	10G Base-T Cat6, Cat6a or Cat7
		55m for Cat6, 100m for Cat6a & Cat7

Standards	IEEE 802.3an (10GBase-T), 802.3ae(10GBase-SR, LR, ER or ZR)
Indications	LED (Power, FX Link, SPD, 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

LFC-10GT-SFP

Fiber

10G Ethernet

LAN

IP Network

AC 100~240V input
(Adapter Type)

LFC-CH12 Chassis

Ordering Information

Model Name	Description
LFC-10GT-SFP	10GBase-T to 10GBase-X SFP+ Non-managed Media Converter Adapter Type