Multi-Rate Fiber Media Converter

ROBOfiber™

LFC-1000-SS
SFP to SFP slot multi-rate Fiber Media Converter

The LFC-1000-SS is a fiber to fiber (SFP to SFP slot)multi-rate 155M to 1.25G speed non-managed stand-alone media converter, equipped with DIP switches for configura on op ons. The SFP slot allows both Gigabit and Fast Ethernet opera on 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, SFP ports traffic and link status for each port.
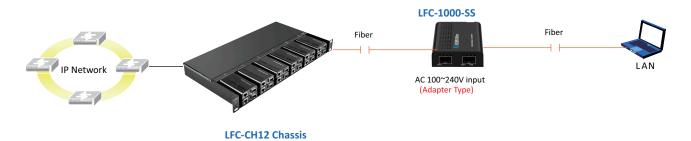
Features

- SFP to SFP slot Converter
- any rate 155M to 1.25G supported, no rate conversion
- completely transparent to protocol (Ethernet, Fiber Channel, SONET)
- forwards any size packets in transparent converter mode

- speed (data rate) must be iden cal on both ports
- 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 x 2
	Data rate	any rate 155M to 1.25G
	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)

Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
Indications	LED (Power, SFP1, SFP2)
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-1000-SS

Fiber — Fiber — LAN

AC 100~240V input (Adapter Type)

LFC-CH12 Chassis

IP Network

Ordering Information

Model Name	Description
LFC-1000-SS	SFP slot to SFP slot multi-rate 155 to 1.25G non-managed Media Converter Adapter Type