



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 2.5G speed 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. LED indicators signal the power status, SFP ports traffic and link status for each port.

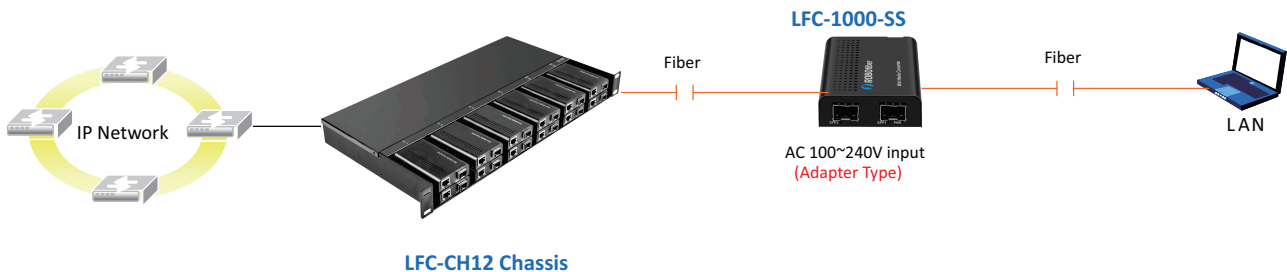
Features

- SFP to SFP slot Converter
- any rate 155M to 2.5G 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 identical 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	Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
	Data rate	any rate 155M to 2.5G	Indications	LED (Power, SFP1, SFP2)
	Duplex mode	Full duplex	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)
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm	Power Consumption	< 4W
	Distance	Depending on SFP used	Dimensions (D x W x H)	90 x 60 x 20mm (SFP transceiver and AC adapter not included)
	Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)	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-1000-SS	SFP slot to SFP slot multi-rate 155 to 2.5G non-managed Media Converter Adapter Type