

# Cleerline Media Converter

1 x SFP to 1 x SFP Gb Ethernet Media Converter



The SSF-SFP-SFP-CON is a fiber to fiber (SFP to SFP slot) multi-rate 155M to 2.5G speed non-managed stand-alone media converter. It has DIP switches for multiple configuration options. The SFP slot allows both Gigabit and Fast Ethernet operation, and can accept all SFP types, including multimode, single mode, CWDM, DWDM, or BiDi. BiDi allows bi-directional transmission over a single strand of fiber.

Power status, SFP port traffic, and link status for each port is indicated by the converter's LED indicators.



## FEATURES AND BENEFITS

- 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

## APPLICATION EXAMPLE



PART NUMBER	DESCRIPTION
SSF-SFP-SFP-CON	Gigabit 1000Base-X to 1000Base-X SFP to SFP converter

## SPECIFICATIONS

OPTICAL INTERFACE		STANDARDS AND POWER	
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
Fiber	MM 50/125 $\mu$ m, 62.5/125 $\mu$ m SM 9/125 $\mu$ m	Power Consumption	<4W
Distance	Depending on SFP used	Certification	CE, FCC
Wavelength	Depending on SFP used MM 1310nm, SM 1310, 1550nm WDM 1310TX/1550Rx (Type A) WDM 1550TX/1310Rx (Type B)	MTBF	65,000 hrs

OPERATION & DETAILS	
Operating Temperature	0 ~ 50°C
Operating Humidity	10 ~ 90% non-condensing
Storage Temperature	-10 ~ 70°C
Dimensions	90 x 60 x 20mm (SFP transceiver and AC adapter not included)
Weight	Adapter : 90g Converter : 120g