

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. 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
- Aggregates into SSF-1RUME-12AC chassis (12 slots on 1RU space)

APPLICATION EXAMPLE



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

SPECIFICATIONS

OPTICAL INTERFACE	
Connector	SFP slot x 2
Data Rate	Any rate 155M to 2.5G
Duplex Mode	Full duplex
Fiber	MM 50/125µm, 62.5/125µm SM 9/125µm
Distance	Depending on SFP used
Wavelength	Depending on SFP used MM 850, 1300nm, SM 1310, 1550nm WDM 1310TX/1550Rx (Type A) WDM 1550TX/1310Rx (Type B)

STANDARDS AND POWER	
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 and UK available)
Power Consumption	<4W
Certification	CE, FCC
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