

Cleerline Media Converter

1 x SFP+ to 1 x SFP+ 10 Gb Ethernet Media Converter



The SSF-SFP-SFP-CON10G is a fiber to fiber (SFP to SFP slot) multi-rate, non-managed, stand-alone media converter. The SFP+ slot allow both Gigabit and 10G 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 16G 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-1RU-E3 chassis (12 slots on 1RU space)

APPLICATION EXAMPLE



PART NUMBER	DESCRIPTION
SSF-SFP-SFP-CON10G	10G Base-T to 10G Base-X SFP+ slot Media Converter

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SPECIFICATIONS

OPTICAL INTERFACE		STANDARDS AND POWER	
Connector	SFP+ slot x 2	Standards	IEEE 802.3an, 802.3, 802.3u, 802.3Z, 802.3ab
Data Rate	1G/10GE DIP sw configurable	Indications	LED (Power, SFP+ 1, SFP+ 2)
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 SM 9/125µm	Power Consumption	<4W
Distance	Depending on SFP used	Certification	CE, FCC
Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1270Tx/1330Rx (Type A) WDM 1330Tx/1270Rx (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		