The SSF-SFP-RJ45-10G is a multispeed 10G Ethernet 10G Base-T to 10G Base-X SFP+ slot non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SFP+ slot allows both 1G or 10G 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.

DIP switches allow set-up in either fixed 10G mode, fixed 1G mode, or 10/100/1G/10G auto negotiation on a copper port.

LED indicators signal the power status, UTP and FX port speed and link status of each port



FEATURES AND BENEFITS

- 100M/1G/10G Base-T to 1G/10G Base-X SFP+ slot Converter
- Data transparent: port speed set up via DIP sw
- Supports any type of SFP+: MM, SM, CWDM, DWDM or BiDi types
- DIP settings for fiber speed and LFP functions
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Supports SFP+ hot swap
- Auto-Negotiation & Auto MDI/MDI-X
- 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-RJ45-10G	1 x SFP to 1 x RJ45 10Gb Ethernet Fiber Optic Media Extender
SSF-SFP-RJ45-10G-EU	1 x SFP to 1 x RJ45 10Gb Ethernet Fiber Optic Media Extender, EU Power Supply
SSF-SFP-RJ45-10G-UK	1 x SFP to 1 x RJ45 10Gb Ethernet Fiber Optic Media Extender, UK Power Supply

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SPECIFICATIONS

OPTICAL INTERFACE	
Connector	SFP+ slot
Data Rate	1G/10GE DIP sw configurable
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 850, 1300nm, SM 1310, 1550nm WDM 1270Tx/1330Rx (Type A) WDM 1330Tx/1270Rx (Type B)

STANDARDS AND POWER	
Standards	IEEE 802.3an (10GBase-T) 802.3ae(10GBase-SR, LR, ER or ZR)
Indications	LED (Power, FX Link, SPD, TP Link)
Power Input	Adapter Type: DC 5V/1A Power Input : AC 100 ~ 240V, 50-60Hz Power Plug: US 2 blade, type A Connector
Power Consumption	< 4W
Certification	CE, FCC
MTBF	65,000 hrs

ELECTRICAL INTERFACE	
Connector	RJ45
Data Rate	10M/100M/1G/10G DIP configurable
Duplex mode	Full duplex
Cable	10G Base-T Cat6, Cat6a or Cat7 55m for Cat6 100m for Cat6a & Cat7

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

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