

The SSF-SFP-RJ45-1G is a Gigabit Ethernet 10/100/1000Base-T to 100/1000Base-X 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 accept all SFP types, including multimode, single mode, CWDM, DWDM, or BiDi. BiDi allows bi-directional transmission over a single strand of fiber.

DIP sw allows the setting of the fiber port speed, LFP function, ALS and FX Reset.

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



FEATURES AND BENEFITS

- 10/100/1000Base-T to 100/1000Base-X SFP Converter
- DIP settings for fiber speed and LFP functions
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- 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-RJ45-1G	Gigabit 10/100/1000Base-Tx to 100/1000Base-X SFP slot, DIP sw

SPECIFICATIONS

OPTICAL INTERFACE	
Connector	SFP slot
Data Rate	1.25G (GE) or 155M (FE)
Duplex Mode	Full duplex
Fiber	MM 50/125 µm, 62.5/125 µm SM 9/125 µm
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, 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	10Mbps, 100Mbps, 1000Mbps
Duplex mode	Full duplex
Cable	100Base-TX Cat .5, 5e or higher 1000Base-T Cat.5, 5e or higher

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