

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 | 10M/100M/1G/10GBase-T to 10GBase-X SFP+ Non-managed Fiber Media Converter with AC adapter included |

SPECIFICATIONS

| OPTICAL INTERFACE | |
|-------------------|--|
| Connector | SFP+ slot |
| Data Rate | 1G/10GE DIP sw configurable |
| 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 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 12V/1A Power Input : AC 100 ~ 240V, 50-60Hz Power Plug: US 2 blade, type A Connector |
| Power Consumption | 10W max. |
| 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 |