

# SSRFB Series

## Stand-alone Fast Ethernet Remotely Managed Media Converter

### 10/100Base-TX to 100Base-FX



SSRFB1013-100

The SSRFB stand-alone converter is a remotely managed media converter and is ideal for applications where entry level management information is needed on both the local and the remote device. This management information is accessible through the local unit installed in a managed Point System™ Chassis.

Devices should be used in pairs with the remotely managed stand-alone unit used in conjunction with the managed chassis card [CSRFB].

### Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Far-End-Fault (FEF)
- Transparent Link Pass Through
- Bandwidth Allocation
- Loopback
- Last Gasp
- Remote Management
- Automatic Link Restore
- Link Test

### Read Management Features

- Power
- Copper Link Status
- Copper Speed
- Copper Duplex
- Fiber Link Status
- Fiber Duplex
- Fiber Loopback Status

### Specifications

Standards	IEEE 802.3 TS-1000 OAM v2
Data Rate	Copper: 10/100 Mbps Fiber: 100 Mbps
Filtering Addresses	1K MAC addresses
RAM Buffers	256K
Max Frame Size	1916 bytes untagged 1914 bytes tagged
Switches	SW1: TP Auto-Negotiation SW2: TP Duplex with Auto-Negotiation Off SW3: TP Speed with Auto-Negotiation Off SW4: Fiber Duplex SW5: Transparent Link Pass Through SW6: Mode: Terminal or Center
Status LEDs	PWR (Power) TP Duplex/Link/Activity TP 10 Mbps/100 Mbps Fiber Link/Activity Fiber Duplex
Dimensions	Width: 3.25" [82.55 mm] Depth: 4.8" [121.92 mm] Height: 1" [25 mm]
Power Consumption	3.4 Watts
Power Supply	External AC/DC required; 12 VDC 1.25A Output; 120-240VAC input
Environment	Operating: 0°C to 50°C Humidity: 5% to 90% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	2 lbs. [0.90 kg]
Compliance	Safety: Wall Mount Power Supply: UL Listed and CSA certified Regulatory: EN55022 Class A, EN55024, CE Mark
Warranty	Lifetime

#### Power Supply Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: SSRFB1011-100-NA

- NA = Country Code
- NA = North America
- LA = Latin America
- EU = Europe
- UK = United Kingdom
- SA = South Africa
- JP = Japan
- OZ = Australia
- BR = Brazil



### Ordering Information

#### SSRFB1011-100

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1300nm multimode ST  
[2 km/1.2 mi.] Link Budget: 11.0 dB

#### SSRFB1013-100

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1300nm multimode (SC)  
[2 km/1.2 mi.] Link Budget: 11.0 dB

#### SSRFB1014-100

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1310nm single mode (SC)  
[20 km/12.4 mi.] Link Budget: 16.0 dB

#### SSRFB1040-100

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to SFP slot (empty)

### Single Fiber Products

#### SSRFB1029-100

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1310nm TX/1550nm RX  
Bi-Di single mode (SC) [20 km/12.4 mi.]  
Link Budget: 19.0 dB

#### SSRFB1029-101

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1550nm TX/1310nm RX  
Bi-Di single mode (SC) [20 km/12.4 mi.]  
Link Budget: 19.0 dB

#### SSRFB1029-102

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1310nm TX/1550nm RX  
Bi-Di single mode (SC) [40 km/24.9 mi.]  
Link Budget: 25.0 dB

#### SSRFB1029-103

10/100Base-TX (RJ-45) [100 m/328 ft.]  
to 100Base-FX 1550nm TX/1310nm RX  
Bi-Di single mode (SC) [40 km/24.9 mi.]  
Link Budget: 25.0 dB

#### Optional Accessories (sold separately)

##### SFP Modules

##### Wide Input (24 - 60 VDC) Power Supplies

##### SPS-2460-PS

Piggy Back Power Supply

##### SPS-2460-SA

Stand-Alone Power Supply

##### Mounting Options

##### E-MCR-05

12-Slot Media Converter Rack

##### RMS19-SA4-02

4-Slot Media Converter Shelf

##### WMBL

Wall Mount Bracket 4" [102 mm]

##### WMBV

Vertical Wall Mount Bracket 5" [127 mm]

##### WMBD

DIN Rail Bracket 5" [127 mm]

##### WMBD-F

DIN Rail Bracket (flat) 3.3" [84 mm]