

SSRFB10xx-100

Stand-alone Fast Ethernet Remotely Managed NID

10/100Base-TX to 100Base-FX



SSRFB1013-100

Ideal for both Enterprise and Service Provider 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 as the remote stand-alone unit reports its current Operating status back to a local unit.

Devices should be used in pairs with the remotely managed stand-alone unit used in conjunction with the managed chassis card CSRFB10xx-100.

Applications include: integrate fiber into 10/100 copper environments, remote management of stand-alone units report their status to local managed unit, remote loopback assists in identifying network problems, and bandwidth control sets throughput to user's requirements.

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 1310nm 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-SA4-01

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]