

## Stand-alone RS232 Media Converter

### RS232 Copper to Fiber



Link a remote terminal to a host computer: Connect multiple devices, such as security scanners, POS devices, remote terminals and building access/alarming systems to a host computer. Ideal for campus or business environments where remote devices can be networked in a point-to-point configuration where distances are greater than the 15 meter limitation of conventional copper serial cables.

Transition Networks' serial RS232 to Fiber Media Converter is an inexpensive way to extend the distance between serial connections with the use of fiber optic cable. This converter supports full or half-duplex data transmission at speeds up to 120 Kbps. Unit and Port LEDs allow for quick status information on the converter.

### Features

- Offered with either a male or female connector
- Full/Half-duplex transmission at speeds up to 120 Kbps
- Fiber LED lights to show link with or without data transmission

### Specifications

|                   |   |
|-------------------|---|
| Standards         | EIA/TIA-574<br>EIA/TIA RS-232E  |
| Status LEDs       | PWR (Power): Lit for normal operation<br>RX: Steady = Link;<br>Flashing = Rx Data<br>FL: Steady = Fiber Link  |
| Dimensions        | Width: 3" [76 mm]<br>Depth: 3.9" [100 mm]<br>Height: 1" [25 mm]   |
| Power Consumption | 3.0 Watts   |
| Power Supply      | External AC/DC; 12 VDC, 0.5A min Output;<br>120-240VAC input  |
| Environment       | Operating: 0°C to 50°C<br>Storage: -40°C to +85°C<br>Humidity: 5% to 95% (non-condensing)<br>Altitude: 0 – 10,000 ft.                                     |
| Weight            | 2 lbs. [0.90 kg]  |
| MTBF              | 49,000 hours (MIL217F2 V5.0) (MIL-HDBK-217F)<br>129,000 hours (Bellcore7 V5.0)  |
| Certifications    | Safety: Wall Mount Power Supply:<br>UL Listed and CSA certified<br>Emissions: CISPR22/EN55022 Class A + EN55024,<br>EN60950 Class A, FCC Class A, CE Mark |
| Warranty          | Lifetime  |

### Ordering Information

**J/RS232-CF-01(SC)**  
DB-9 (female) [15 m/49 ft.]  
to 1300nm multimode (SC) [2 km/1.2 mi.]  
Link Budget: 11.0 dB

**J/RS232-TF-01(SC)**  
DB-9 (male) [15 m/49 ft.]  
to 1300nm multimode (SC) [2 km/1.2 mi.]  
Link Budget: 11.0 dB

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supplies  
(sold separately)

**SPS-2460-SA**  
Stand-Alone Power Supply

Mounting Options (sold separately)

**E-MCR-05**  
12-Slot Media Converter Rack

**RMS19-SA4-02**  
4-Slot Media Converter Shelf

**WMBD**  
DIN Rail Bracket 5" [127 mm]

**WMBD-FS**  
DIN Rail Bracket (flat) 3.1" [79 mm]

**WMBS**  
Wall Mount Bracket 3.2" [81 mm]

### 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: J/RS232-CF-01-NA

#### -NA = Country Code

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