J/RS232 Series

TRANSITION NETWORKS ®

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

Mouser Electronics

Authorized Distributor

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[Lantronix]():
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