

RS232 Copper to Fiber

Just Convert-IT™

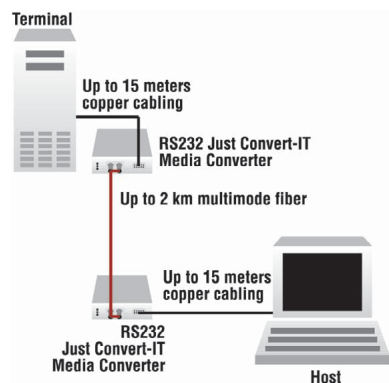
Stand-Alone Media Converters

J/RS232-xF-01(xx)



Convert DB-9 to Fiber

► Extend Network Distance



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' "Just Convert-IT™" serial RS-232 to Fiber Media Converter is an inexpensive, no frills 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 120Kb/s. 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 120Kb/s
- Fiber LED lights to show link with or without data transmission

Specifications

Standards	EIA/TIA-574, EIA/TIA RS-232E
Fiber Optic Connector Specs	
	Min TX PWR: -19.0 dBm Max TX PWR: -14.0 dBm RX Sensitivity: -30.0 dBm Max In PWR: -14.0 dBm Link Budget: 11.0 dB
Status LEDs	PWR: Lit for normal operation RX: Steady = Link; Flashing = Rx Data FL: Steady = Fiber Link
Dimensions	Width: 3.0" [76 mm] Depth: 3.9" [100 mm] Height: 1.0" [25 mm]
Power Consumption	3.0 watts
Power	External AC/DC; 12VDC, 0.5A min
Environment	0 – 50°C, 5% – 95% humidity (non-condensing), 0 – 10,000 feet
Shipping Weight	2 lbs. [0.9 kg]
Safety Compliance	Wall Mount Power Supply: UL approved and CSA certified
Regulatory Compliance	CISPR22/EN55022 Class A + EN55024; EN60950 Class A; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Info

Product Number	Port One	Port Two
J/RS232-CF-01	DB-9 (female) [15 m/49 ft.]	1300nm multimode (ST) [2 km/1.2 miles]
J/RS232-CF-01(SC)	DB-9 (female) [15 m/49 ft.]	1300nm multimode (SC) [2 km/1.2 miles]
J/RS232-TF-01	DB-9 (male) [15 m/49 ft.]	1300nm multimode (ST) [2 km/1.2 miles]
J/RS232-TF-01(SC)	DB-9 (male) [15 m/49 ft.]	1300nm multimode (SC) [2 km/1.2 miles]

Optional Accessories (sold separately)

Product Number	Description
SPS-1872-CC	Wide Input (18-72VDC) Piggy Back Power Supply
SPS-1872-SA	Wide Input (18-72VDC) Stand-Alone Power Supply
E-MCR-04	12-slot Media Converter Rack
WMBD	DIN Rail Mount Bracket 5.0" [127 mm]
WMBD-FS	DIN Rail Mount Bracket (flat, small) 3.1" [79 mm]
WMBS	Wall Mount Bracket 3.2" [81 mm]