stand-alone media converter

J/RS232-xF-01(xx)

RS232 Copper to Fiber Media Converter

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 120 Kbps. Unit and Port LEDs allow for quick status information on the converter.

Ordering Information

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

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
DB-9 (male) **[15 m/49 ft.]**
to 1300nm multimode (ST)
[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

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

WMBD
DIN Rail Bracket 5.0" [127 mm]

WMBD-FS
DIN Rail Bracket (flat) 3.1" [79 mm]
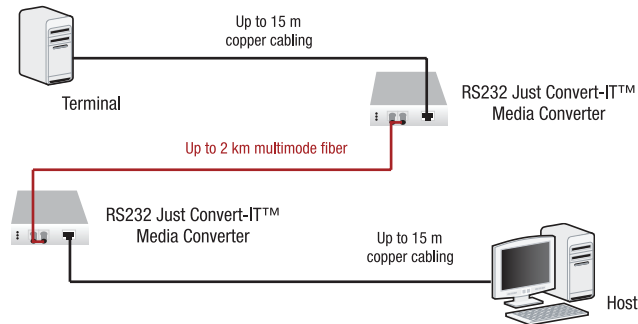
WMBS
Wall Mount Bracket 3.2" [81 mm]

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

Extend Network Distance

Up to 15 m copper cabling

Terminal

RS232 Just Convert-IT™ Media Converter

Up to 2 km multimode fiber

RS232 Just Convert-IT™ Media Converter

Up to 15 m copper cabling

Host

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**: 3.0" [76 mm] **Depth**: 3.9" [100 mm] **Height**: 1.0" [25 mm]
Power Consumption	3.0 Watts
Power	External AC/DC; 12 VDC, 0.5A min
Environment	0 – 50°C, 5% – 95% humidity (non-condensing), 0 – 10,000 ft.
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	**Wall Mount Power Supply**: UL Listed and CSA certified
Regulatory Compliance	CISPR22/EN55022 Class A + EN55024; EN60950 Class A; FCC Class A; CE Mark
Warranty	Lifetime

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