

stand-alone media converter

see also: Point System™ Slide-In-Module RS422/485 Media Converter

SRS4F3x1x-100

RS422/485 Copper to Fiber Media Converter



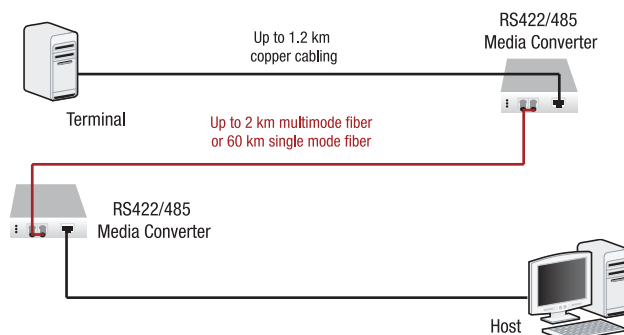
Link a remote terminal to a host computer: Connect multiple devices, such as security scanners, POS devices, remote terminals and building access/alarming systems to a host computer. Ideal for campus or business environments where remote devices can be networked in either a point-to-point or point to multi-point configuration.

Transition Networks' serial RS-422/485 to Fiber converter allows you to extend the distance between serial connections with the use of fiber optic cable. This full-featured converter operates in 2-wire mode for RS-422 and either 2-wire or 4-wire mode for RS-485 and supports full or half-duplex data transmission at speeds up to 1.25 Mbps.

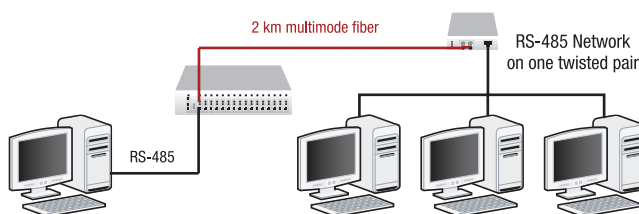
Features

- ▶ RS422 or RS485 operation
- ▶ 2-wire or 4-wire in operation in RS-485 mode
- ▶ Full/Half-duplex transmission at speeds up to 1.25 Mbps

Extend Network Distance



Connect Multiple Devices



Specifications

Standards	EIA/TIA RS-422, EIA/TIA RS-485
Switches	SW1: 130 ohm resistor RX (Down = enable) SW2: 130 ohm resistor TX (Down = enable) SW3: 1k ohm "pull-down" (Down = enable) SW4: 1k ohm "pull-up" (Down = enable) SW5: 2-wire/4-wire (Down = 4-wire) SW6: RS-485/RS-422 (Down = RS-422)
Status LEDs	PWR (Power): Lit for normal operation RXC: Steady = Data RX on copper link; Flashing = RX Data at low speed RXF: Steady = Fiber Link
Dimensions	Width: 3.3" [84 mm] Depth: 4.8" [122 mm] Height: 0.90" [22 mm]
Power Consumption	5.0 Watts
Power	External AC/DC; 12 VDC, 0.5A min
Environment	0 – 50°C operating; 5 – 95% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed and CSA certified
Regulatory Compliance	CISPR22/EN55022; EN55024; EN60950 Class A; FCC Class A; CE Mark; UL 1950
Warranty	Lifetime

RS422/485

Ordering Information

SRS4F3111-100 DB-9 [1.2 km/0.7 mi.] to 1300nm multimode (ST) [2 km/1.2 mi.] Link Budget: 11.0 dB
SRS4F3113-100 DB-9 [1.2 km/0.7 mi.] to 1300nm multimode (SC) [2 km/1.2 mi.] Link Budget: 11.0 dB
SRS4F3114-100 DB-9 [1.2 km/0.7 mi.] to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB
SRS4F3115-100 DB-9 [1.2 km/0.7 mi.] to 1310nm single mode (SC) [40 km/24.9 mi.] Link Budget: 26.0 dB
SRS4F3116-100 DB-9 [1.2 km/0.7 mi.] to 1310nm single mode (SC) [60 km/37.3 mi.] Link Budget: 29.0 dB
SRS4F3211-100 Terminal Block [1.2 km/0.7 mi.] to 1300nm multimode (ST) [2 km/1.2 mi.] Link Budget: 11.0 dB
SRS4F3213-100 Terminal Block [1.2 km/0.7 mi.] to 1300nm multimode (SC) [2 km/1.2 mi.] Link Budget: 11.0 dB
SRS4F3214-100 Terminal Block [1.2 km/0.7 mi.] to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB
SRS4F3215-100 Terminal Block [1.2 km/0.7 mi.] to 1310nm single mode (SC) [40 km/24.9 mi.] Link Budget: 26.0 dB

Optional Accessories (sold separately)

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

WMBD
DIN Rail Bracket 5.0" [127 mm]

WMBD-E
DIN Rail Bracket (Extended) 4.3"[109 mm]

WMBD-F
DIN Rail Bracket (Flat) 3.3" [84 mm]

WMBL
Wall Mount Bracket 4.0" [102 mm]

WMBV
Vertical Wall Mount Bracket
5.0" [127 mm]