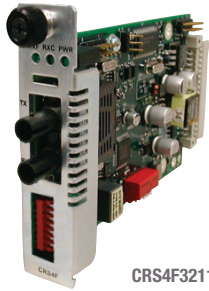


CRS4F Series

Point System™ RS422/485 Media Converter Module

RS422/485 Copper to Fiber



CRS4F3211-100

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
- Field Upgradeable Firmware
- Can be used with any Point System™ Chassis

Management Features

- Report Converter status to Chassis management software:
 - Local Fiber Link status
 - Receive data activity on the copper link
 - Local Switch settings
 - 130 ohm resistor on RX
 - 130 ohm resistor on TX
 - 1K ohm "pull down"
 - 1K ohm "pull up"
 - 2-wire/4-wire operation
 - RS-485/RS-422 operation

The CRS4F Series chassis card serial RS422/485 to fiber media 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 RS422 and either 2-wire or 4-wire mode for RS485 and supports full or half-duplex data transmission at speeds up to 1.25 Mbps.

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: 0.86" [22 mm] Depth: 5" [127 mm] Height: 3.4" [86 mm]
Power Consumption	5.0 Watts
Environment	Environment specs are dependent on the chassis chosen Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
Compliance	CISPR22/EN55022, EN55024, EN60950 Class A, FCC Class A, CE Mark, UL 1950
Warranty	Lifetime

Ordering Information

CRS4F3211-100

Terminal Block [1.2 km/0.7 mi.]
to 1300nm multimode (ST) [2 km/1.2 mi.]
Link Budget: 11.0 dB

*CRS4F3213-100

Terminal Block [1.2 km/0.7 mi.]
to 1300nm multimode (SC) [2 km/1.2 mi.]
Link Budget: 11.0 dB

*CRS4F3214-100

Terminal Block [1.2 km/0.7 mi.]
to 1310nm single mode (SC) [20 km/12.4 mi.]
Link Budget: 16.0 dB

* Product is in BTO status and is built on a per order basis. Please contact a Transition Networks sales associate for details and lead times.