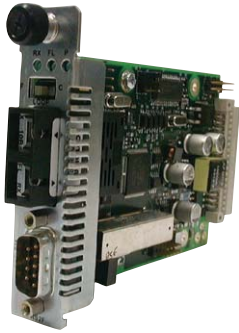




CRS2F311x-100

Remotely Managed RS232 Media Converter



- ▶ Ideal for campus or business environments where remote devices can be networked in a point-to-point configuration and distances are greater than the 15 m limitation of conventional copper serial cables.

Features

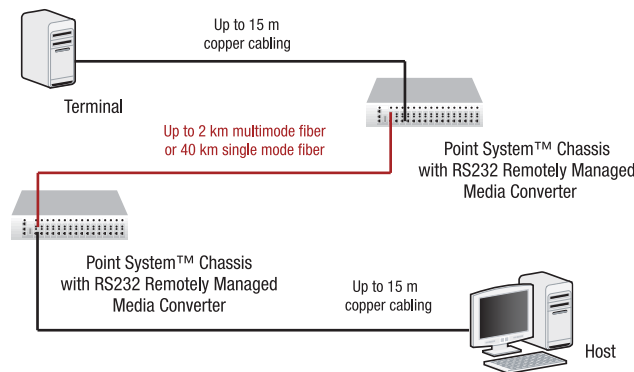
- ▶ Read/write access to remote stand-alone unit
- ▶ Local or Remote Loopback on copper and fiber
- ▶ DTE/DCE switch for easy installation with straight-through cabling
- ▶ Full/Half-duplex asynchronous transmission at speeds up to 115 Kbps
- ▶ Supports the following flow control signaling:
 1. DCD - Data Carrier Detect
 2. RXD - Receive Data
 3. TXD - Transmit Data
 4. DTR - Data Terminal Ready
 5. SG - Signal Ground
 6. DSR - Data Set Ready
 7. RTS - Request To Send
 8. CTS - Clear To Send
- ▶ Field Upgradeable Firmware

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.

Transition Networks' serial RS232 to Fiber converters allow you to extend the distance between serial connections with the use of fiber optic cable. These full-featured converters transmit the full complement of RS232 flow control/handshaking signals optically and supports full or half-duplex asynchronous data transmission at speeds up to 115 Kbps.

The diagnostic features included on these converters make installation easy and intuitive. A DTE/DCE switch eliminates the frustration over selecting the appropriate cable. A Loopback [pg 18] switch allows for complete diagnostic testing prior to system turn-up or during troubleshooting. Unit and Port LEDs allow for quick status information of the device.



Specifications

Standards	EIA/TIA-574, EIA/TIA RS-232E
Data Rate	115 Kbps
Switches	DTE/DCE: Select appropriate position Loop-back: Norm = normal operation; Loop = Fiber and copper loop-back
Status LEDs	P (Power): Lit for normal operation RX: Steady = Copper Link; Flashing = Rx Data FL: Steady = Fiber Link; Flashing = Loop back mode
Dimensions	Width: 0.86" [22 mm] Depth: 5.0" [127 mm] Height: 3.4" [86 mm]
Power Consumption	5.0 Watts
Environment	See chassis specifications
Shipping Weight	1 lb. [0.45 kg]
Regulatory Compliance	CISPR22/EN55022 Class A + EN55024; EN60950 Class A; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Information

CRS2F3111-100	DB-9 [15 m/49 ft.] to 1300nm multimode (ST) [2 km/1.2 mi.] Link Budget: 11.0 dB
CRS2F3113-100	DB-9 [15 m/49 ft.] to 1300nm multimode (SC) [2 km/1.2 mi.] Link Budget: 11.0 dB
CRS2F3114-100	DB-9 [15 m/49 ft.] to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB
CRS2F3115-100	DB-9 [15 m/49 ft.] to 1310nm single mode (SC) [40 km/24.9 mi.] Link Budget: 26.0 dB
CRS2F3129-100	DB-9 [15 m/49 ft.] to 1310TX/1550RX single fiber SM (SC) [20 km/12.4 mi.] Link Budget: 19.0 dB
CRS2F3129-101	DB-9 [15 m/49 ft.] to 1550TX/1310RX single fiber SM (SC) [20 km/12.4 mi.] Link Budget: 19.0 dB
CRS2F3129-102	DB-9 [15 m/49 ft.] to 1310TX/1550RX single fiber SM (SC) [40 km/24.8 mi.] Link Budget: 25.0 dB
CRS2F3129-103	DB-9 [15 m/49 ft.] to 1550TX/1310RX single fiber SM (SC) [40 km/24.8 mi.] Link Budget: 25.0 dB

Management Features

- ▶ Report Converter status to chassis management software:
 - Local Fiber Link status
 - Local/Remote Hardware/Software mode
 - Local/Remote Loopback
 - Local/Remote DTE/DCE mode
 - Local/Remote link status
- ▶ Write operation includes:
 - Local Loopback
 - Remote Loopback
- ▶ Can be used with any Point System™ Chassis