



PRODUCT INFORMATION

The leader in rugged fiber optic technology.

✓ Unconditional Lifetime Warranty

2011B-0725

SERIAL DATA OVER FIBER

RS-232 Over Fiber Converter

4RU Plug-in card Installation Information

The RLH RS-232 Serial Data Over Fiber system is a converter that supports asynchronous serial communications over fiber optic cable. Fiber optics not only provide the long distance transmission capability up to 74 miles (120km), but also provide immunity to EMI/RFI and transient surges. They are ideal for data communications near large electrical equipment or where resistance to RF interference is desired.

RS-232 devices can be connected directly to the DB-9 connector. It supports serial data rates up to 115.2kbps, and is auto-sensing and self-compensating, requiring no switches, jumpers or other configuring.

Several power options are available, and a handy DB9 to screw-down terminal adapter, and a RS-232 to RS-422 converter module are available for installation flexibility in mixed environments.

The Serial Over Fiber Converters feature convenient LED indicators for easy status reporting. These compact units may be wall or panel mounted, and come complete with DIN rail clips and attaching hardware for fast installation into your existing DIN rail equipment setup.

They feature a wide operating temperature range, use industry standard screw-down terminals, and are backed by our

Exclusive Unconditional Lifetime Warranty.

RS 232



RLH RS-232 DB9 Serial Over Fiber Converter

Standard Features

- Compact, low cost serial data over fiber solution
- Available with ST, SC or FC connectors
- Available in Single or Multi-mode, up to 74mi /120km fiber range
- Auto sensing for RS-232 data
- TIA/EIA-574 compliant DB-9(female) interface
- Supports up to 32 nodes of RS-485/422 devices
- Manufactured to ISO-9001 standards
- Eliminates EMI, RFI, cross talk or ground loop issues
- DIN Rail and wall mountable
- Convenient LED Status monitoring
- Operates off of 5VDC and 110VAC, 24VDC or 48VDC power adapters are available
- Built-in surge, static and circuit protection
- CE/FCC certified
- Exclusive Unconditional Lifetime Warranty

Ordering Information


RLH - RD - **XX** **X** -1

See Configuration Code

A = 115/220VAC Power Adapter

U = 24VDC Power Adapter

V = 48VDC Power Adapter

	Config. Code 	Single Fiber Bi-Directional	Dual Fiber	Connector			Wavelength				Range						
				SC	ST	FC	850nm	1310nm	1550nm	Tx 1310nm Rx 1550nm	Tx 1550n Rx 1310nm	0.5km/0.3 mi.	2km/1.25 mi.	20km/12.4 mi.	40km/24.9 mi.	60km/37 mi.	120km/74 mi.
Multimode	01	•		•							•						
	02	•		•								•					
	03		•	•									•				
	04		•	•	•								•				
	05		•	•		•							•				
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	07		•	•		•		•					•				
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Single Mode	10	•		•								•				•	
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Please contact your RLH sales representative for pricing and delivery information.

Specifications subject to change without notice.