



RLH Industries, Inc.

PRODUCT INFORMATION

The leader in
fiber optic
telecommunications
technology.

R2009A-100709

SERIAL DATA OVER FIBER

The RLH Serial Data Over Fiber system is a multifunction converter that supports asynchronous serial communications (RS-232/485/422) over fiber optic cable. Fiber optics not only provide the long distance transmission capability up to 12.4 Miles (20km), but also provide immunity to EMI/RFI and transient surges. They are ideal for data communications near large electrical equipment or where radio interference needs to be avoided.

On the multi-standard module, standards may be mixed and matched, so that RS-232 devices can be connected to RS-485/422 devices, or 2-wire RS-485 devices can be connected to 4-wire RS-422 devices without the need for a converter and isolator.

It supports serial data rates up to 500kbps, and is auto-sensing and self-compensating, requiring no switches, jumpers or other configuring. The auto-turnaround feature eliminates the need for flow control when working with RS-485 signals.

They are powered by 12-24VDC 1A, and a low cost power adapter is available. To power multiple units, or for additional powering options, see our DIN mount power supply products.

RS 232/422/485



RLH Serial Over Fiber Converter

Standard Features

Compact, low cost serial data over fiber solution	Available with ST, SC or FC connectors
Available with ST, SC or FC connectors	DIN Rail and wall mountable
Available in Single or Multi-mode, up to 12.4mi /20km fiber range	Standards may be mixed and matched (same data type, RS-232 to RS-485/422, or RS-485 to RS-422)
Auto sensing for RS-232/485/422 data	Supports up to 32 nodes of RS-485/422 devices
Eliminates EMI, RFI, cross talk or ground loop issues	Convenient LED Status monitoring
Powering requires 12-24VDC 1A	Built-in surge, static and circuit protection
Manufactured to ISO-9001 standards	CE/FCC certified
May be used in DIN rail equipment environment	Exclusive Lifetime Warranty



SERIAL DATA OVER FIBER

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.

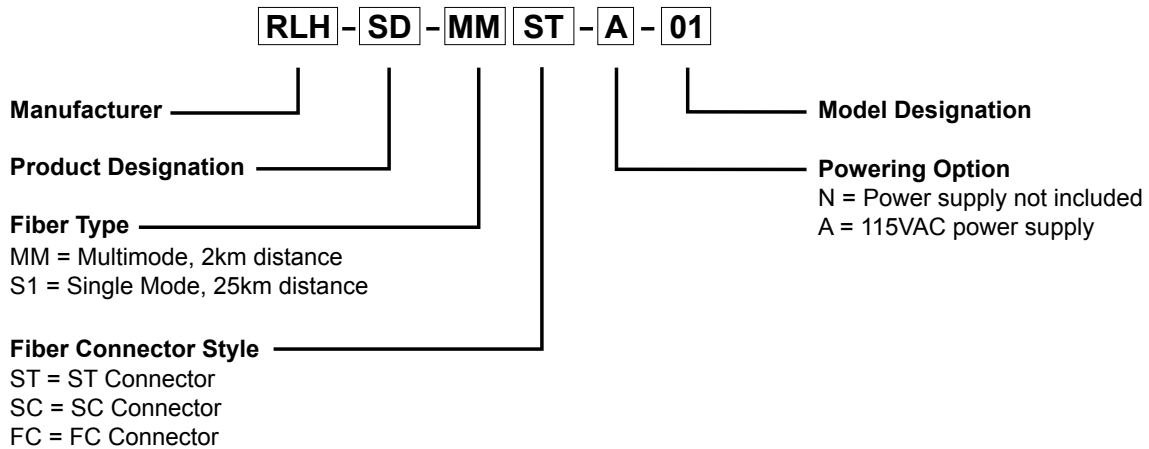
They feature a wide operating temperature range, use industry standard screw-down terminals, and are backed by our exclusive lifetime warranty.



RLH Serial Over Fiber Converter with DIN rail mount

Ordering Information

Serial Data Over Fiber Part Number Matrix



Example: RLH-SD-MMST-A-01

Serial Data over Fiber Converter, multimode fiber, ST connector, with 115VAC power supply, model 01.



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Please contact your RLH sales representative for pricing and delivery information.

Specifications subject to change without notice.