



## OPTO-RS422 Series RS-422 Modems Data Lines Only

The OPTO-RS422 series fiber optic modems use optical fiber to transfer RS422 data for point-to-point applications.

### Specifications

**Data:** RS-422 (Data Lines Only)  
Full duplex

**Data Rate:** DC to 5 MB/s

**Wavelength:** 850 nm

**No. of Fibers:** 2

#### Mounting

**Style:** 25-pin connector

**Size:** 2.13" W x 2.21" L x 0.63" H  
54 mm x 56 mm x 16 mm

#### Operating

**Temperature:** -20°C to + 70°C

**Connectors:** Optical: SMA or ST  
Data: 25-pin DB  
Power: Host (25 pin)  
External DC jack for OPTO-PS-1

### Ordering Information

Part Number	Description
OPTO-RS-422/S	One unit: RS-422 modems, data only SMA optical port, Male DB 25-pin connector
OPTO-RS-422/ST	One unit: RS-422 modems, data only ST optical port, Male DB 25-pin connector
OPTO-PS-1	Power Supply, AC/DC plug-in

### Applications

- Computer networking
- Remote peripherals
- High noise environment
- Factory/office automation

Power Budget/Distance		
Fiber Size	Power Budget	Distance
50/125	4 dB	1.0 km
62.5/125	8 dB	2.5 km
100/140	13 dB	2.5 km