INTEROPTICS™

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