

Specifications

Frequency Band:

902-928 MHz

Modulation:

FHSS FSK

Interface:

Standard: RS-232 (DB9 Male)

ConnexLink PRO: RS-485 (6-Pin terminal block)

Serial Interface Data Rate:

Up to 115200 kbps

Output Power:

5 mW-1000 mW variable

Input Power:

7 VDC-18 VDC

Current Draw (at 12 VDC):

400 mA TXD, 40 mA RXD

Power Supply:

AC transformer via 6 ft cable (183 cm)

Electrical Requirements:

Line voltage 100-120 V; frequency 50-60 Hz (240 V outside the US)

Channels:

Up to 32

Security:

1-byte system ID, DES

Sensitivity:

-99dB at full RF data rate

Range (line-of-sight):

Up to 20 miles (32 km)

Temperature:

-40°F to 176°F (-40°C to 80°C)

Humidity (non-condensing):

10% to 90%

Weight:

<6 oz (<170 g)

Dimensions:

4.75 x 2.75 x 1.17 in (121 x 70 x 30 mm)

Antenna Connector:

Reverse polarity SMA jack (female)



Standard Features

- Durable industrial-grade enclosure with mounting flanges
- Reliable communications up to 115200 kbps
- Supports point-to-point and point-to-multipoint applications

Part Number/Price

| Part # | Description | Price |
|--------|---|----------|
| 86134 | ConnexLink RF device 900MHz RF device server/client (requires minimum of 2) | \$325.00 |
| 105776 | ConnexLink Pro 900 MHz 1W, wireless transceiver with large buffer | \$395.00 |
| 129662 | Paired ConnexLink | \$650.00 |

Options/Accessories

| Part # | Description | Price |
|--------|--|------------|
| 78827 | Power supply, 115 VAC input/6 VDC output | \$55.00 |
| 103979 | Antenna 1/2 Wave, 2 dbi, 7 in for 900 MHz radios | \$45.00 |
| 119448 | Yagi antenna | \$105.00 |
| 119449 | Cable, Yagi antenna 20 ft | \$75.00 |
| 110538 | ConnexLink FRP enclosure with heater | \$1,395.00 |
| 110539 | ConnexLink Pro enclosure with heater | \$1,395.00 |
| 22436 | RS-232 nine-pin female to blunt end | \$60.00 |
| 98084 | DC power cable option | \$15.00 |

