



Paired Radios

Standard Features

- Durable industrial-grade enclosure with mounting flanges
- Reliable communications up to 115 to 200 kbps
- Supports point-to-point and point-to-multipoint applications

Specifications

Power:

Line voltage: 100 to 120 V
Frequency: 50/60 Hz (240 V outside the US)
Input: 7 to 18 VDC
Output: 5 to 1,000 mW variable

Power Supply:

AC transformer via 6 ft cable (183 cm)

Frequency Band:

902 to 928 MHz

Modulation:

FHSS FSK

Interface:

Standard: RS-232
ConnexLink PRO: RS-485

Serial Interface Data Rate:

Up to 115 to 200 kbps

Current Draw (at 12 VDC):

RF: Standard ConnexLink: 400 mA
Pro: 325 mA TX, 20 mA RX

Antenna Connector:

Reverse polarity SMA jack (female)

Channels:

32 selectable channels

Security:

1-byte system ID, DES

Sensitivity:

-99dB at full RF data rate

Range (line-of-sight):

Up to 20 miles (32 km)

Dimensions:

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

Temperature:

Operating: -40 °F to 176 °F (-40 °C to 80 °C)

Humidity:

10% to 90% non-condensing

Weight:

< 6 oz (< 170 g)

Part Number/Price

Part #	Description	Price
86134	ConnexLink RF device 900 MHz RF device server/client (requires minimum of 2)	Consult
105776	ConnexLink Pro 900 MHz 1W, wireless transceiver with large buffer	Consult
110538	ConnexLink FRP enclosure with heater	Consult
110539	ConnexLink Pro enclosure with heater	Consult
129662	Paired ConnexLink	Consult

Options/Accessories

Part #	Description	Price
78827	Power supply, 115 VAC input/6 VDC output	Consult
103979	Antenna 1/2 Wave, 2 dBi, 7 in for 900 MHz radios	Consult
119448	Yagi antenna	Consult
119449	Cable, Yagi antenna 20 ft*	Consult
22436	RS-232 nine-pin female to blunt end	Consult
98084	DC power cable option	Consult

* max length per manufacturer specs

