



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:**
 Input: 7 to 18 VDC
 Output: 5 to 1,000 mW variable
- 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 Connexlinks: 400 mA
 Pro: 325 mA TX, 20 mA RX
- Power Supply:**
 AC transformer via 6 ft cable (183 cm)
- Electrical Requirements:**
 Line voltage 100 to 120 V; frequency 50/60 Hz (240 V outside the US)
- 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:**
 -40 °F to 176 °F (-40 °C to 80 °C)
- Humidity:**
 10% to 90% non-condensing
- Weight:**
 < 6 oz (< 170 g)
- Antenna Connector:**
 Reverse polarity SMA jack (female)

Part Number/Price

Part #	Description	Price
86134	ConnexLink RF device 900 MHz RF device server/client (requires minimum of 2)	Consult
105776	ConnexLink Pro 900MHz 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, 2dBi, 7 in for 900MHz 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

