## RF TRANSCEIVERS **ConnexLink**<sup>™</sup> Wireless Radio 900 MHZ Transceivers



# INDICATORS / CONTROLLERS

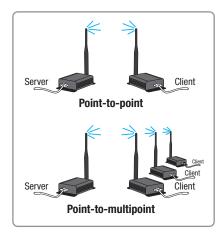
### Part Number/Price

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	
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\* max length per manufacturer specs



### **Standard Features**

- Durable industrial-grade enclosure with mounting flanges
- Reliable communications up to 115 to 200 kbps
- Supports point-to-point and point-tomultipoint 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): RE: Standard Conneylinks: 400 m/

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)

(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)

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