



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

Humidity (non-condensing):
 10% to 90%

Weight:
 <6 oz (<170 g)

Antenna Connector:
 Reverse polarity SMA jack (female)

INDICATORS / CONTROLLERS

Part Number/Price

Part #	Description	Price
86134	ConnexLink RF device 900MHz RF device server/client (requires minimum of 2)	Consult
105776	ConnexLink Pro 900MHz 1W, wireless transceiver with large buffer	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 900MHz radios	Consult
119448	Yagi antenna	Consult
119449	Cable, Yagi antenna 20 ft*	Consult
110538	ConnexLink FRP enclosure with heater	Consult
110539	ConnexLink Pro enclosure with heater	Consult
22436	RS-232 nine-pin female to blunt end	Consult
98084	DC power cable option	Consult

* max length per manufacturer specs

