




- For use with unregulated DC power sources
- A Bidirectional Amplifier for use in 900MHz and 868MHz bands.
- High-speed T/R switching works with the latest protocols.
- Two POE ports and one data only.
- Tx Bypassed.

**Salient features include:**

- 1. LNA:** The built-in Low Noise Amplifier with a signal gain of 16 dB improves the receive sensitivity of remote equipment while keeping the noise level very low.
- 2. Receive Filtering:** The bandpass filter on this amplifier gives added protection against out-of-band noise.
- 3. Enclosure:** CNC machined aluminum housing
- 4. Warranty:** This product comes with a 2-year warranty. Made in USA. 

**Specifications:**

**Electrical:**

Operating Range	902~928MHz (863~870MHz optional)
Operating Mode	TDD
Max Power pass through	5W (37 dBm)
Transmit Path Loss	0.6 dB
Transmit input Power	3 dBm/min 37 dBm Max
Receive Gain	16 dB
Noise Figure	0.9 dB
Power Consumption @ 9VDC	45mA
Operating Temp	-40 °C to +70 °C
Operating Voltage	7V~60V

**Mechanical:**

Dimensions	3.1" x 2.3" x 0.95"
Enclosure	CNC Machined
Connectors	Type N Female
Weight	7.2 Oz (205 grams)

