



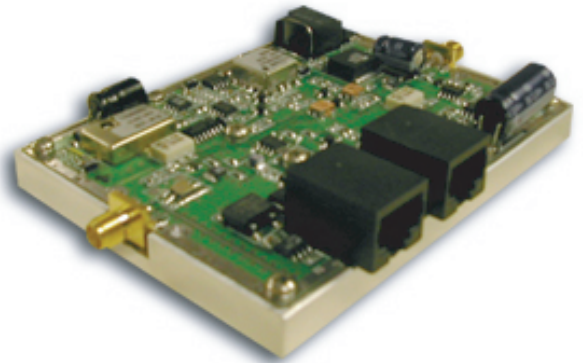
## UDC900M-PoE 1w

902-928 MHz

### The Up/Down Converter 900M-PoE 1W

A highly linear product that delivers 1Watt of 900 MHz signal for long range applications. Outdoor unit delivers full power right at the antenna feed. Works with all brands of 2.4GHz radios without any adjustments, including Direct Sequence (DSSS).

Also available in OEM package with 48VDC input for use within an existing 2.4GHz radio. Contact sales office for details.



902-928 MHz 1W  
Item# 13-901

### Technical Specification

Frequency Band to Antenna	902 - 928 MHz
Frequency Band to Radio	2438 - 2464 MHz
Local Oscillator Frequency	1536 MHz
Frequency Stability	+/- 2.5 ppm
Output Power (3.4 GHz)	1 Watt (+ 30dBm)
Input Power (2.4 GHz)	10 mW ~ 50 mW(10 dBm to 17 dBm)
Tx Conversion Gain	up to 22 dB
RF Connector	SMA, Female, 50 Ohm
Rx Conversion Gain	15 dB
Noise Figure	4 dB
Power Consumption	Tx = 350mA, Rx= 40mA @ 48VDC
Operating Temperature	-40 °C to + 70 °C
Dimensions	4.15" L x 3.15" W x 1.00" H