



UDC 3400

2.4 GHz to 3.4 GHz
250 mW/500 mW Version



Ideal solution for places where 3.4GHz applications or places where 2.4 GHz is not usable any more due to interference. Works with all brands of 2.4GHz radios without any adjustments.

A highly linear product that delivers 250mW/500mW of 3.4 GHz signal for long range applications. Outdoor unit delivers full power right at the antenna feed.

Also available in OEM package with 9V Dc input for use within an existing 2.4 GHz radio.

Specifications:

Frequency Band to Antenna:	3400 - 3500 MHz
Frequency Band to Radio:	2400 - 2500 MHz
Local Oscillator Frequency:	1000 MHz
Frequency Stability:	+/- 2.5 ppm

Transmitter (Up Converter)

Output Power (3.4 GHz):	250 mW (+ 24 dBm) 500 mW (+ 27 dBm)
Input Power (2.4 GHz):	1 mw ~ 25 mw (0 dBm to 14 dBm)
Tx Conversion Gain:	Up to 17 dB

Mechanical and Environmental Information

Operating Temperature:	-40 to + 70 °C
Power:	9 VDC @ 1.2 A or RX: 9 VDC @ 0.4 Universal AC/DC Power Adapter 9 V/1.2 A included
Dimensions: UDC Unit:	6" L x 3.75" W x 1.25" H
Weight: UDC Unit:	2.0 lbs
RF Connector:	N-Female

Receiver (Down Converter)

Noise Figure:	4 dB max
Maximum Input Level:	-20 dBm
RX Conversion Gain:	10 dB
Input Filter:	3400 - 3500 MHz
Output Filter:	2400 - 2500 MHz
Rx Switching Time:	< 1 s