



Up/Down Converter 5850

500mW

The Up/Down Converter 5850

is the ideal solution for places where 2.4GHz is not usable any more due to Interference. Works with all brands of 2.4GHz radios without any adjustments. Also compatible with OFDM radios.

A highly linear product that delivers 500mW of 5.8GHz 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 2.4GHz radio. Contact sales office for details.



Item# 13-507

Technical Specifications

Features:	UDC 5850
Frequency Band to Antenna:	5800 - 5900 MHz
Frequency Band to Radio:	2400 - 2500 MHz
Local Oscillator Frequency:	3400 MHz
Frequency Stability:	± 2.5 ppm
Output Power:	500mWatt (+27dBm)
Input Power:	0.5 mW ~ 25 mW -3 dBm to 14 dBm)
RX Conversion Gain:	10 dB
TX Conversion Gain:	up to 14 dB
Noise Figure:	3.5dB
RF Connector:	N-Type, Female, 50 Ohm
Power Consumption:	1.0A @ 9VDC or 105 ~ 240 VAC
Operating Temperature:	-40 °C to + 70 °C