



Up/Down Converter 5800HM

500mW

The Up/Down Converter 5800HM

UDC5800HM is a board level solution to convert a low cost widely available 2.4 GHz radio to a 5.8GHz product. A compact fully shielded PCB with SMA connectors (optional) runs on 9 V DC making it ideal for use inside a 2.4 GHz wireless device.

Also compatible with OFDM radios.



Item# 13-505

Technical Specifications

Features:	UDC 5800HM
Frequency Band to Antenna:	5725 - 5850 MHz
Frequency Band to Radio:	2400 - 2500 MHz
Local Oscillator Frequency:	3328 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:	1.3A @ 9VDC or 0.72A @ 9VDC
Operating Temperature:	-40 °C to + 70 °C