



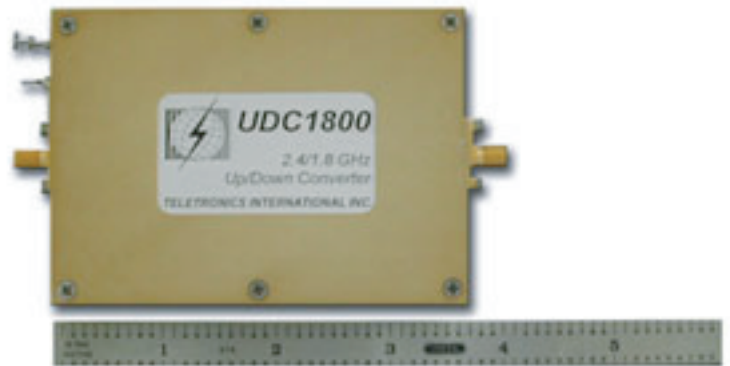
Up/Down Converter 1800s

2.4 GHz/1.8 GHz 500mWatt

Teletronics' Up/Down Converter 1800S is a highly linear product that delivers 500mW of 1.8GHz signal for long range applications.

the ideal solution for 1.8 GHz Applications or places where 2.4GHz 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 500mW of 1.8GHz signal for long range applications.



Specifications:

Frequency Band to Antenna	1760 - 1850 MHz
Frequency Band to Radio	2400 - 2490 MHz
Local Oscillator Frequency	640 MHz
Frequency Stability	+/- 2.5 ppm
Output Power (1.8 GHz)	500mWatt (+27 dBm)
Input Power (2.4 GHz)	2 mW ~ 20 mW (3 dBm to 13 dBm)
Tx Conversion Gain	Up to 18 dB
RF Connector	SMA, Female, 50 Ohm
Rx Conversion Gain	12 dB Typical
Noise Figure	3.5 dB Max. 3.0 dB Typical
Power Consumption	TX: 6-12 VDC @ 0.8 A RX: 6-12 VDC @ 0.15 A Univeresal AC/DC Power Adapter 7.5 V/1.2A included
Operating Temperature	-40 °C to + 70 °C
Size	3.50" x 2.50" x 0.56"
Weight	5.0 oz