



1.8 GHz, Frequency Converters 50 Watt UDC2418-50

This UDC converts any 2.4GHz radio to a 1.8GHz unit for use in military applications and amplifies the power to 50 Watt output.

This high power unit is designed for fixed installs only.

Also available in 5, 10 and 25 Watt versions



Specifications

Electrical:

Frequency band to Antenna	1760-1850 MHz
Frequency band to Radio	2400-2490 MHz
Operation	TDD, Time Division Duplex
Local Oscillator	640 MHz
Transmit Output Power	50 Watt (47dBm) +/- 2 dB
Transmit Input Power	-4 dBm ~ +20dBm
Transmit Trigger Point	-4 dBm
Transmit Gain	30 dB
Receive conversion gain	14 dB
P1dB	47 dBm
Noise Figure	4.0 dB
Frequency Stability	+/-2.5ppm
Power Consumption	160 Watt, 120 VAC

Mechanical:

Dimension:	19" rack
Connectors:	SMA female for radio Type N females for Antenna
Weight:	18 lbs