

MW500-1344

480 MHz to 520 MHz

VOLTAGE CONTROLLED OSCILLATORS



Specifications

Frequency	480 MHz to 520 MHz
Tuning Voltage	1/11 V
Power Output	12 +/- 3 dBm
Phase Noise	10 kHz Offset -104 (typ) dBc/Hz 100 kHz Offset -127 (typ) dBc/Hz
Frequency Pushing	3 MHz/V
Frequency Pulling	7 MHz
Harmonic Suppression	-20 (MAX)

Operating Specifications

Supply Voltage	12 Vcc
Supply Current	50 mA
Load Impedance	50
Operating Temperature	-30 to 85 °C

Notes



MERCURY COMMERCIAL ELECTRONICS

PIN 1
DESIGNATOR



PINOUT	
2	V_{cc}
6	V_{tune}
14	RF_{out}
OTHER	GND