



Features and Benefits

Low phase noise
Linear tuning characteristics
Low pushing / Low pulling

Typical Applications

Base Station
Cable TV
Satellite Communications
UHF Radio Link

Specifications

Parameter	Min.	Typical	Max.	Units
Operating Frequency Range	800		1600	MHz
Output Power	+3.0	+6.0	+9.0	dBm
Output Impedance		50		Ω
Phase Noise @ 10KHz		-93		dBc/Hz
@ 100KHz		-115		dBc/Hz
Tuning Voltage (Vt)	0.0		5.0	V
Tuning Voltage Sensitivity		200		MHz/V
2nd Harmonic Suppression			-8	dBc
Power Supply(V _{CC})	4.75	5.0	5.25	V
Current		25		mA
Pushing Figure		20		MHz/V
Pulling Figure		35		MHz pk-pk
Input Capacitance			47	pF
Operating Temp. Range	-40		+85	°C
Storage Temp. Range	-45		+90	°C

Mechanical Drawing & Pin Connections

Drawing No: MD150086-1

