

Features

- Ultra low noise
- Linear tuning characteristics
- Low pushing / Low pulling

Applications

- SATCOM
- Receiver
- Test Equipment
- Radar
- Point-to-Point
- Radio
- MMDS
- WiMax

Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	982		1015
Output Power	dBm		+6.0	
Output Impedance	Ω		50	
Phase Noise	@10kHz offset		-127	
	@100kHz offset		-147	
Tuning Voltage (Vt)	Vdc	0		+12
Tuning Voltage Sensitivity (Kv)	MHz/V		3.6	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc)	Voltage	Vdc	8	
	Current	mA	29	
Pushing Figure	MHz/V		0.1	
Pulling Figure	MHz		0.3	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions

