

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	2860		3230
Output Power	dBm		0.0	
Output Impedance	Ω		50	
Phase Noise	@10kHz offset	dBc/Hz	-103	
	@100kHz offset	dBc/Hz	-123	
Tuning Voltage (Vt)	Vdc	+1		+16
Tuning Voltage Sensitivity (Kv)	MHz/V		27	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc)	Voltage	Vdc	4.5	
	Current	mA	27	
Pushing Figure	MHz/V		0.5	
Pulling Figure	MHz		0.3	
Input Capacitance	pF		10	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions

