

Features

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

Applications

- Base station
- Cable TV
- Satellite Communications
- UHF radio link

Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	806		829
Output Power	dBm		+7.0	
Output Impedance	Ω		50	
Phase Noise	@10kHz offset		-125	
	@100kHz offset		-145	
Tuning Voltage (Vt)	Vdc	+1		+12
Tuning Voltage Sensitivity (Kv)	MHz/V		2.5	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc)	Voltage	Vdc	8	
	Current	mA	28	
Pushing Figure	MHz/V		0.1	
Pulling Figure	MHz		0.5	
Input Capacitance	pF		100	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Dimensions

