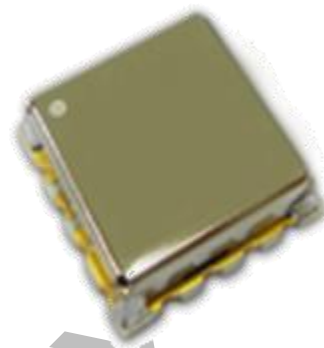


Features and Benefits

Ultra low noise
Linear tuning characteristics
Low pushing / Low pulling

Picture



Typical Applications

SATCOM
Receiver
Test Equipment
Radar

Point-to-Point
Radio
MMDS
WiMax

Specifications

Parameter	Units	Min.	Typical	Max.
Operating Frequency Range	MHz	1456		1456
Output Power	dBm		+7.0	
Output Impedance	Ω		50	
Phase Noise @10kHz offset	dBc/Hz		-122	
@100kHz offset	dBc/Hz		-142	
Tuning Voltage (Vt)	Vdc	+0.5		+4.5
Tuning Voltage Sensitivity (Kv)	MHz/V		6	
2nd Harmonic Suppression	dBc		-15	
Power Supply (Vcc)	Vdc		8	
Current	mA		29	
Pushing Figure	MHz/V		0.4	
Pulling Figure (9.5dB Return Loss, all phases)	MHz		0.5	
Input Capacitance	pF		47	
Operating Temp. Range	$^{\circ}\text{C}$	-40		+85

Mechanical Drawing & Pin Connections

