

Voltage Controlled Oscillator

RS2775AM

Optimized Band 2620 to 2930 MHz

Rev. A

Features

- Low phase noise
- Linear tuning characteristics
- Low pushing / Low pulling
- Aqueous washable

Applications

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

Electrical Characteristics



Parameter	Units	Min	Typ	Max
Operating Frequency Range	MHz	2620		2930
Output Power	dBm		6.0	
Output Impedance	Ω		50	
Phase Noise	@10kHz offset		-104	
	@100kHz offset		-124	
Tuning Voltage (Vt)	Vdc	+1		+18
Tuning Voltage Sensitivity (Kv)	MHz/V		22	
2nd Harmonic Suppression	dBc		-20	
Power Supply (Vcc)	Voltage		8	
	Current		22	
Pushing Figure	MHz/V		6	
Pulling Figure	MHz		11	
Input Capacitance	pF		50	
Operating Temp. Range	°C	-40		+85

Dimensions

