

# Voltage Controlled Oscillator

# ROS-200+

## Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
2.0	8.32	99.3	98.2	97.8	9.62	10.15	10.05	-37.1	-37.8	-46.6	0.26	1	-80
3.0	6.98	106.3	105.2	104.8	9.87	10.41	10.33	-41.4	-37.6	-48.5	0.19	10	-105
4.0	6.53	113.0	111.7	111.4	9.99	10.52	10.44	-34.5	-34.7	-51.1	0.19	100	-125
5.0	6.66	119.6	118.3	117.9	10.06	10.55	10.47	-32.3	-34.9	-54.4	0.13	1000	-145
6.0	6.78	126.5	125.1	124.7	10.09	10.52	10.44	-30.8	-33.1	-54.2	0.19		
7.0	7.23	133.8	132.4	132.0	10.10	10.46	10.38	-29.9	-32.7	-54.3	0.19		
8.0	7.81	141.5	140.2	139.6	10.11	10.37	10.28	-29.7	-32.4	-55.4	0.19		
9.0	8.06	149.7	148.2	147.8	10.08	10.27	10.17	-30.0	-33.4	-54.0	0.26		
10.0	8.38	158.1	156.6	156.2	10.07	10.12	10.01	-31.0	-32.0	-54.4	0.32		
11.0	8.77	166.7	165.4	164.9	9.97	9.94	9.83	-31.6	-31.1	-53.5	0.26		
12.0	8.77	175.4	174.1	173.7	9.83	9.74	9.64	-32.5	-31.5	-54.0	0.26		
13.0	9.02	184.4	183.2	182.8	9.68	9.52	9.42	-33.4	-32.7	-53.4	0.26		
14.0	9.34	193.7	192.5	192.1	9.50	9.29	9.18	-32.8	-32.9	-54.2	0.26		
15.0	9.73	203.4	202.2	201.9	9.30	9.03	8.92	-31.8	-32.5	-53.4	0.26		
16.0	9.98	213.4	212.2	211.8	9.06	8.75	8.62	-29.4	-32.5	-51.7	0.32		

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