

Voltage Controlled Oscillator

POS-75+

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			
1.0	4.70	35.6	35.3	34.8	9.25	9.26	8.81	-31.4	-33.7	-43.4	0.11	1	-87
2.0	3.50	39.0	38.8	38.3	9.81	9.75	9.70	-32.0	-34.7	-40.4	0.14	10	-110
3.0	3.00	41.9	41.8	41.3	9.82	9.76	9.67	-30.5	-35.0	-39.4	0.06	100	-130
4.0	2.60	44.5	44.4	44.0	9.79	9.74	9.62	-29.8	-34.7	-38.8	0.04	1000	-150
5.0	2.60	47.1	47.0	46.6	9.47	9.43	9.28	-30.0	-34.3	-38.3	0.02		
6.0	2.60	49.7	49.6	49.2	9.40	9.35	9.18	-30.2	-33.7	-38.0	0.02		
7.0	2.70	52.5	52.3	51.9	9.29	9.24	9.06	-30.9	-32.9	-37.8	0.02		
8.0	2.80	55.3	55.1	54.7	8.99	8.93	8.90	-31.8	-32.5	-37.5	0.04		
9.0	2.90	58.3	58.0	57.6	8.83	8.76	8.54	-33.0	-31.8	-37.3	0.05		
10.0	3.00	61.4	61.0	60.7	8.65	8.54	8.32	-34.1	-31.4	-37.2	0.07		
11.0	3.10	64.5	64.1	63.8	8.45	8.31	8.07	-35.5	-30.8	-37.2	0.08		
12.0	3.20	67.7	67.3	66.9	8.08	7.92	7.68	-36.9	-30.6	-37.4	0.08		
13.0	3.20	71.0	70.5	70.2	7.83	7.65	7.41	-38.5	-30.3	-37.3	0.08		
14.0	3.30	74.4	73.9	73.5	7.57	7.37	7.13	-39.4	-30.1	-37.2	0.09		
15.0	3.50	78.0	77.3	77.0	7.12	6.93	6.70	-39.4	-29.8	-37.4	0.14		
16.0	3.60	81.7	81.0	80.6	6.82	6.63	6.42	-38.3	-29.5	-37.5	0.21		

REV. X1
POS-75
070201
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

