

Voltage Controlled Oscillator

ROS-1720+

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	36.89	1508.4	1479.5	1469.5	8.30	7.74	7.23	-18.2	-36.2	-35.2	1.39	1	-73
2.0	32.60	1539.5	1512.1	1500.8	8.54	7.79	7.11	-18.3	-35.2	-34.0	1.47	10	-101
3.0	28.99	1567.3	1541.1	1529.7	8.60	8.02	7.26	-18.7	-34.2	-32.7	1.82	100	-121
4.0	27.45	1593.8	1568.5	1556.8	8.52	8.07	7.36	-19.0	-34.0	-32.0	1.45	1000	-141
5.0	26.29	1619.9	1594.8	1583.2	8.28	8.01	7.28	-19.2	-33.5	-31.8	1.46		
6.0	26.66	1646.5	1621.5	1609.6	7.81	7.75	7.26	-19.2	-33.2	-32.0	1.35		
7.0	27.42	1674.0	1648.9	1636.9	7.59	7.28	6.87	-19.3	-33.5	-32.7	1.29		
8.0	28.74	1702.6	1677.6	1665.1	7.56	7.02	6.42	-19.5	-34.0	-34.2	1.19		
9.0	30.20	1733.1	1707.8	1694.7	7.41	7.05	6.40	-19.7	-34.0	-35.7	1.04		
10.0	31.98	1765.2	1739.8	1726.2	7.22	6.90	6.37	-20.5	-34.3	-37.5	0.80		
11.0	33.49	1798.7	1773.3	1759.1	6.57	6.67	6.23	-20.8	-34.0	-42.5	0.52		
12.0	34.79	1833.4	1808.1	1793.2	5.97	5.89	5.63	-22.0	-32.7	-45.2	0.23		

REV. X1
ROS-1720+
081104
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

