

Temperature stability	±5 ppm over -20° C to +70°C
Aging	4x10 <sup>-9</sup> /day, 1x10 <sup>-6</sup> first year, after 30 days continuous operation
Freq. vs supply	5x10 <sup>-9</sup> /percent
Short-term (Allan Variance)	5x10 <sup>-11</sup> /second
Output	+7 dBm ± 3dB into 50Ω
Harmonics, Sub-harmonics	-35 dBc (target -40 dBc)
Phase noise (max)	1 Hz      -45 dBc/Hz 10 Hz     -75 dBc/Hz 100 Hz    -105 dBc/Hz 1kHz      -130 dBc/Hz 10kHz     -150 dBc/Hz
Supply	+9 VDC ± 5%
Input power	4W @ turn on, 1.25W stabilized
Mech. Freq. adjust	Sufficient for 5 yrs. aging
Electrical tuning	0 to +7V, positive slope, ±8 ppm min. ±12 ppm max.
Size	2"x2"x0.75" max. seated height
Frequency	245 MHz

**MFG# 700-00950**

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