

Compact VCO



The SMV1204L generates frequencies between 1185 and 1221 MHz within 0.5 to 2.25 V DC of control voltage and is designed for outdoor applications. Operating temperature range is ± 20 to 70°C . Spectral signal is -98 dBc/Hz, typically, at 10 kHz from the carrier. The second harmonic is attenuated to better than -10 dBc. The pulling specification is less than 5 MHz/V with a 14 dB return loss, any phase, while pushing is less than 5 MHz within a 5% change of the supply voltage.

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<http://www.wirelessdesignmag.com/product-releases/2002/11/compact-vco>