

Multi-octave frequency synthesizer features fine-tuning steps



The SBC-5000 Frequency Synthesizer from EM Research operates from 700 to 5000 MHz, features tuning steps of 1 Hz, and exceptionally-low phase noise (-95 dBc/Hz @ 10 KHz). The unit is locked to a 10 MHz external reference and offers +7 dBm output power, -15 dBc harmonics and -60 dBc spurs.

Options include external or internal references (10-500 MHz) and extended temperature ranges. The SBC Series is available in custom multi-octave frequency bands to 8 GHz. The SBC-5000 is ideally suited as a lab source for prototype and bench-top testing.

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www.emresearch.com [1]

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[1] <http://www.emresearch.com>