

VCOs FOR THE REAL WORLD



Whatever the need, Micronetics Wireless custom VCOs are designed to deliver the performance and quality you expect them to – in a wide range of packaging and pricing options. Custom VCOs are available in frequency ranges spanning 100 MHz to 3.5 GHz, in everything from extremely narrow (1%) to extremely wide (an octave) bandwidths, with supply voltages ranging from 3 to 12 Volts.

FEATURES

- Flat tuning sensitivity
- Flat power output
- Excellent phase noise performance
- Patented high volume manufacturing methodology
- Coaxial/non-coaxial designs

APPLICATIONS

- CDMA
- Personal Communications
- Wireless Local Loop
- Satellite (DBS and GPS)
- Cellular
- Military
- Radar

CUSTOM VCO OPTIONS

Narrowband Surface Mount/Pin Type/Non-Coaxial Resonated VCOs
Frequency range: 1350 MHz to 2700 MHz

These VCOs are designed to deliver high performance at a reasonable price in base stations and mobile radios.

Narrowband Surface Mount/Pin Type/Coaxial Resonated VCOs

Frequency range: 681 MHz to 1669 MHz

Our highest performing VCOs in the narrowband ranges.

Wideband Surface Mount/Pin Type/Non-Coaxial Resonated VCOs

Frequency range: 900 MHz to 2500 MHz

Ideal for high volume wideband applications where low cost is a must.

.50" Wideband VCOs

Frequency range: 100 MHz to 800 MHz

Designed for use in modems, synthesizers and satellite communication systems.

MICRONETICS

WIRELESS

