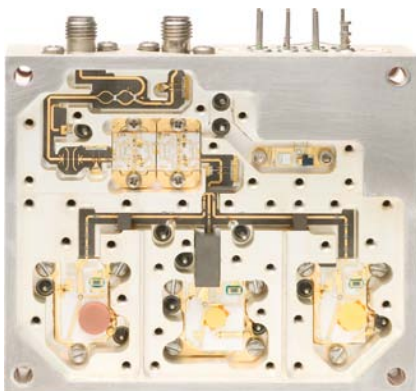


Product Specification Summary

High-speed Switched DRO Oscillator Module

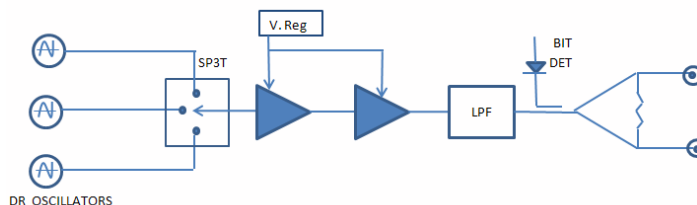
Narda's "tri-oscillator" series selects one of three integrated three dielectric resonator oscillators (DROs) and provides dual outputs at the selected frequency. It has very low phase noise, residual FM, and frequency drift with temperature, as well as fast power settling time. The unit incorporates a wide array of features within a compact enclosure, and is designed to withstand hostile airborne environments. This series includes high-speed SP3T PIN switches with more than 90 dB isolation, as well as harmonic filters, RF gain and power amplifiers, frequency "dither" capability, a built-in test (BIT) detector, and hybrid voltage regulators. It is housed in a hermetically-sealed enclosure and operates from -55° to +95° C.



Tri-Oscillator Series

Key features

- Designed to withstand environments
- Three DROs
- Dual, highly-stable outputs
- High-speed PIN switches with 90 dB isolation
- Extremely low phase noise, high spurious rejection
- Custom frequency ranges, configurations, and specification sets available
- Harmonic filters, BIT detector, hybrid voltage regulators, frequency dither capability
- -55 to +95 C operating temperature range



Narda's Tri-oscillator Module

Available frequency coverage
(GHz)

6 to 18

Number of outputs

2

RF output power (dBm)

+15 dBm (+18 dBm typical)

Number of Frequencies

3

Spurious rejection (dBc)

More than 80

Switch isolation (dB)

More than 90 dB

Operating temperature range (°C)

-55 to +95

Please consult the factory for detailed product specifications.

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