



## Press Release

### FOR IMMEDIATE RELEASE

#### **Z-Communications, Inc. Introduces another High-Performance C-Band Oscillator with Exceptional Phase Noise for Next-Gen RADAR, SATCOM and Test & Measurement.**

DENVER, CO – April 21<sup>st</sup> 2026 – [Z-Communications, Inc.](#), a global leader in the design and manufacture of [Voltage Controlled Oscillators \(VCOs\)](#), today announced the launch of the CRO7000X2-LF. This new C-band oscillator is engineered to meet the stringent demands of modern RADAR, SATCOM, and Test & Measurement applications by delivering a signal with superior spectral purity.

The CRO7000X2-LF provides a fixed RF output of 7000 MHz and operates within a tuning voltage range of 0.5-4.5 Vdc. This low tuning range ensures seamless compatibility with many of the most popular Phase Locked Loop (PLL) ICs currently on the market. Key technical highlights of the new oscillator include:

- **Exceptional Phase Noise:** Features a value of -106 dBc/Hz @ 10 kHz offset, providing the clean signal required for high-sensitivity designs.
- **Low Power Consumption:** Operates at a supply current of 35 mA from a standard 5 Vdc supply.
- **Harmonic Suppression:** Delivers a typical 2nd harmonic suppression of -25 dBc.
- **Compact Form Factor:** Housed in Z-COMM's industry-standard MINI package (0.5 x 0.5 x 0.22 inches), making it ideal for space-constrained production environments.

Designed for elite signal clarity, the CRO7000X2-LF simplifies the engineering workflow. Z-COMM notes that by matching the unit's tuning voltage to common PLL setups, they are making it easier for developers to launch the next wave of high-frequency wireless technology.

The device is available on tape and reel for automated production. Detailed technical specifications and VCO product catalogs are available through the Z-Communications website.

About Z-Communications, Inc.

Headquartered in San Diego, CA, with significant operations in Denver, CO, Z-Communications, Inc. is the world's largest manufacturer of [VCO and PLL modules](#). For over three decades, the company has provided innovative frequency generation solutions for the commercial, industrial, and military markets.

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