



Series HGM & HGV

Mechanically-Tuned Gunn Oscillators & VCOs

The HGM and HGV series Gunn Oscillators cover the range from 7 – 110 GHz. A wide variety of designs provide the user with a solution for most applications. Units are available with mechanical and/or electrical tuning, providing many possible tuning configurations. Superior frequency and power stability are achieved using cavity design and diode selection. Heaters can be provided to achieve greater frequency stability.

GaAs and InP Gunns are used depending on the frequency and performance requirements. Cavity designs are mated with the proper Gunn diode to maximize performance.

Gunn oscillators are used as sources for mixer LO's, to drive multipliers, transmitters, and radars. Options include voltage regulators, heaters, isolators, heat sinks, and micrometer tuners.

Click below for datasheet

<http://www.hxi.com/Datasheets/HGM-RevH.pdf>

For more information about this product, contact: HXI Sales at 978-772-7774,
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