

C-Band Synthesizer

Elcom introduces a C-band synthesizer with 125 KHz or 1 KHz step, up to 1.5 GHz bandwidth and an integrated PLDRO requires 6 W of DC power. Typical frequencies are 4.5 to 5.5 GHz, 5.1 to 5.7 GHz, 6.5 to 7.6 GHz, 7.2 to 7.7 GHz. The synthesizer offers a phase noise of - 110 dBc offset 100 KHz of 2.5 GHz as well as guaranteed zero phase hits over temperature. The synthesizer is ruggedized and field-tested for operations over a wide temperature range, shock and vibration to meet the needs of military requirements as well as IESS 308, Eutelsat, and MIL-STD188-146.

Elcom Technologies

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