








Ultra Low Phase Noise OCSO (LNO): >1 GHz

► APPLICATIONS: Instrumentation (test equipment, simulator), Ground based military equipment as per MIL-PRF-28800F (Class 3), 2 GPS clock for ADC up to 12 bits.

MODEL	IMAGE	PACKAGE	FREQUENCY	STABILITY (FVST)	BROADBAND JITTER	PHASE NOISE
LNO5000B3 New		120 x 76 x 23 mm	5 GHz	< ±2 ppm (0 to 50 °C)	< 10 fs (offset from 10 kHz to 40 MHz)	-121 dBc/Hz @ 1 kHz Noise floor: -157 cBc/Hz
LNO4800B3 New		120 x 76 x 23 mm	4.8 GHz	< ±2 ppm (0 to 50 °C)	< 10 fs (offset from 10 kHz to 40 MHz)	-122 dBc/Hz @ 1 kHz Noise floor: -157 cBc/Hz
LNO3200B3 New		120 x 76 x 23 mm	3.2 GHz	< ±2 ppm (0 to 50 °C)	< 10 fs (offset from 10 kHz to 40 MHz)	-130 dBc/Hz @ 1 kHz Noise floor: -167 cBc/Hz
LNO2000B1		95 x 76 x 23 mm	2 GHz	< ±2 ppm (0 to 50 °C)	< 10 fs (offset from 10 kHz to 40 MHz)	-132 dBc/Hz @ 1 kHz Noise floor: -166 cBc/Hz
LNO1280B1		95 x 76 x 23 mm	1.28 GHz	< ±2 ppm (0 to 50 °C)	< 10 fs (offset from 10 kHz to 40 MHz)	-140 dBc/Hz @ 1 kHz Noise floor: -166 cBc/Hz



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