



## Ultra Low Phase Noise OCXO (LNO): 80 – 125MHz

► APPLICATIONS: Phase Noise Measurement, Phase Noise applications in airborne environment, Synthesizers, Test Equipments, Radars, Military Communication.

MODEL	IMAGE	PACKAGE	FREQUENCY RANGE	STABILITY (FVST)	g-SENSITIVITY	PHASE NOISE
LNO100 PTH1		38 x 38 x 13 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2 - 0.5 ppb/g	-165 dBc/Hz @ 1 kHz Noise floor: -178 cBc/Hz
LNO100 PTH2		38 x 26 x 13 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2 - 0.5 ppb/g	-165 dBc/Hz @ 1 kHz Noise floor: -178 cBc/Hz
LNO100 PTH3		26 x 26 x 13 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2 - 0.5 ppb/g	-165 dBc/Hz @ 1 kHz Noise floor: -178 cBc/Hz
LNO100 PSS1		51 x 51 x 13 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2 - 0.5 ppb/g	-165 dBc/Hz @ 1 kHz Noise floor: -178 cBc/Hz
LNO100 SMD1		26 x 26 x 13 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2 - 0.5 ppb/g	-165 dBc/Hz @ 1 kHz Noise floor: -178 cBc/Hz
ULN-C 5 PIN		65 x 50 x 27 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	2.5 ppb/g (25 Hz offset)	For a 100 MHz carrier: -163 dBc/Hz @ 1 kHz -178 dBc/Hz @ 10 kHz
ULN-D Coming Soon		60 x 60 x 40 mm	80 - 125 MHz	±0.5 ppm (-40 to 85 °C)	0.045 ppb/g (100 Hz offset)	For a 100 MHz carrier: -163 dBc/Hz @ 1 kHz -178 dBc/Hz @ 10 kHz



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