



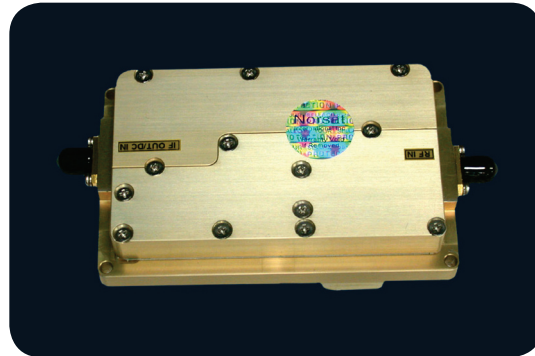
Norsat
International Inc.

Innovative Communication Solutio



LNB

X-BAND SUPER COMPACT PLL X1000HCS



TYPICAL SPECIFICATIONS

NNoise Figure	0.8 dB
LO stability (over temperature excl offset)	±10 KHz
Phase noise (SSB)	-72 dBc / Hz at 1 kHz -82 dBc / Hz at 10 kHz -92 dBc / Hz at 100 kHz
Input VSWR	2.0 : 1
Output VSWR	2.0 : 1

Conversion gain	60 dB
Output P1dB	+10 dBm
Power requirements	+12 to +24V DC
Current drain	300 mA
Input Connector	SMA
Output Connector	SMA
Dimensions	101 (L) x 61 (W) x 30 (H) mm
Weight	<200 g
Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	7.25 to 7.75
LO frequency (GHz)	6.30
Output frequency (MHz)	950 to 1450

Maximum Tx Band (7.9 - 8.4 GHz) signal level that will not saturate the LNB and cause any noise figure degradation:
30 dBm maximum Tx input

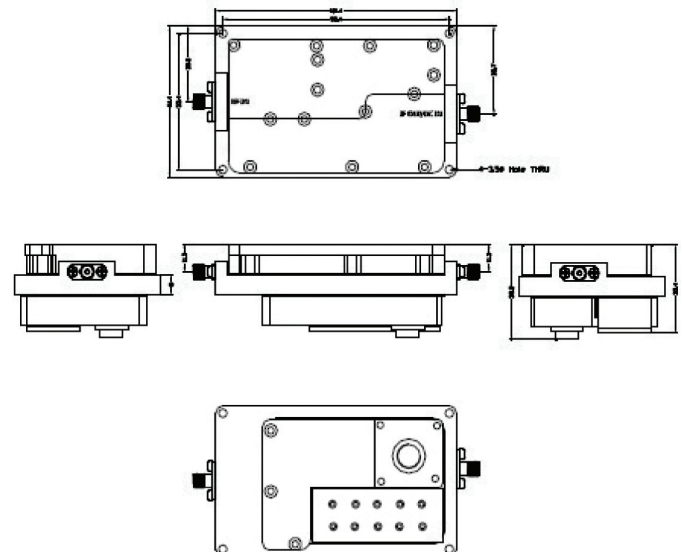
HOW TO ORDER

X1108HCS

BUY NOW

CONNECTOR TYPE	SMA
NOISE TEMPERATURE	0.8 dB
L.O. STABILITY	+/- 10 kHz
LNB SERIES #	

MECHANICAL DIAGRAM



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