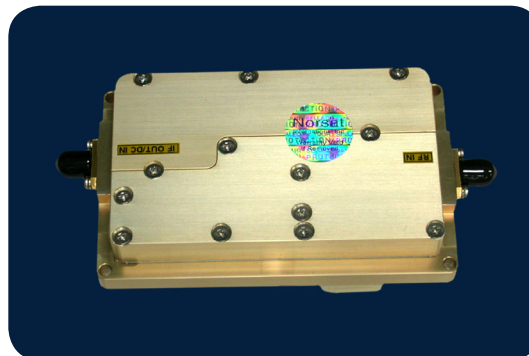




# LNB

## X-BAND SUPER COMPACT PLL X1000HCS



### TYPICAL SPECIFICATIONS

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

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

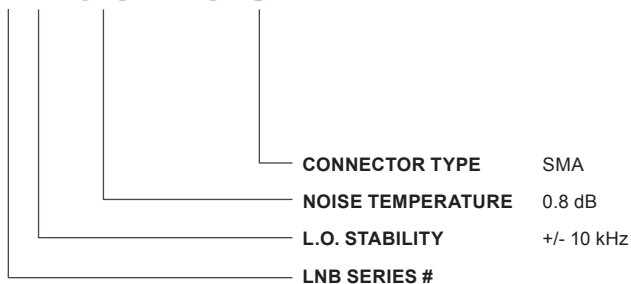
### FREQUENCY BANDS AVAILABLE

<b>Input frequency (GHz)</b>	7.25 to 7.75
<b>LO frequency (GHz)</b>	6.30
<b>Output frequency (MHz)</b>	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



### MECHANICAL DIAGRAM

