



## LNB

### X-BAND PLL

### X1000HA



#### TYPICAL SPECIFICATIONS

<b>Noise figure</b>	0.7 dB	<b>Conversion gain</b>	56 dB
<b>L.O. stability (over temperature excl offset)</b>	±12.5 kHz	<b>Output P1dB</b>	5 dBm
<b>Phase noise (SSB)</b>	-75 dBc / Hz at 1 kHz -85 dBc / Hz at 10 kHz -95 dBc / Hz at 100 kHz	<b>Power requirements</b>	+15 to +24 V supplied through center conductor of IF cable
<b>Input VSWR</b>	2.0 : 1	<b>Current drain</b>	230 mA
<b>Output VSWR</b>	2.0 : 1	<b>Input Waveguide</b>	WR112
		<b>Dimensions</b>	137 (L) x 70 (W) x 59 (H) mm (5.4 x 2.8 x 2.3 in)
		<b>Weight</b>	600 g / 21.1 oz
		<b>Temperature Range</b>	-40°C to +60°C

#### FREQUENCY BANDS AVAILABLE

<b>Input frequency (GHz)</b>	7.25 to 7.75
<b>L.O. frequency (GHz)</b>	6.30
<b>Output frequency (MHz)</b>	950 to 1450

#### HOW TO ORDER

## X1000HAN

CONNECTOR

F - 75 Ohm  
N - 50 Ohm

LNB SERIES #

#### MECHANICAL DIAGRAM

