



## LNB

### KU-BAND EXT. REF COMPACT 1000XH



#### TYPICAL SPECIFICATIONS

<b>Noise Figure</b>	0.8 to 0.9 dB depending on model
<b>L.O. stability</b>	Phase Locked to External Reference
<b>Phase noise (SSB)</b>	-75 dBc / Hz at 1 kHz -85 dBc / Hz at 10 kHz -95 dBc / Hz at 100 kHz
<b>Input VSWR</b>	2.0 : 1
<b>Output VSWR</b>	2.0 : 1

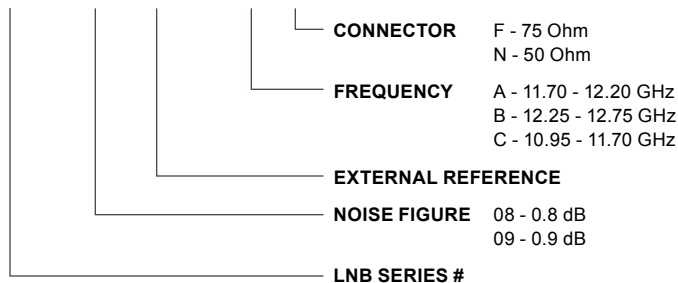
<b>Conversion gain</b>	60 dB
<b>Output P1dB</b>	8 dBm
<b>Power requirements</b>	+15 to +24 V supplied through center conductor of IF cable
<b>Current drain</b>	200 mA
<b>Input Waveguide</b>	WR75
<b>Dimensions</b>	110 (L) x 42 (W) x 42 (H) mm (4.3 x 1.7 x 1.7 in)
<b>Weight</b>	300g / 10.6 oz
<b>External Ref Frequency</b>	10MHz (sine-wave), -10 to 0 dBm
<b>Temperature Range</b>	-40C to +60C

#### FREQUENCY BANDS AVAILABLE

Typical service	1000XHA	1000XHB	1000XHC
<b>Input frequency (GHz)</b>	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70
<b>L.O. frequency (GHz)</b>	10.75	11.30	10.00
<b>Output frequency (MHz)</b>	950 to 1450	950 to 1450	950 to 1700

#### HOW TO ORDER

### 1009XHAN



#### MECHANICAL DIAGRAM

