

Innovative Communication Solutions

LNB **KU-BAND EXT. REF COMPACT 1000XH**

TYPICAL SPECIFICATIONS

Noise Figure	0.7 to 0.9 dB depending on model	
L.O. stability	Phase Locked to External Reference	
Gain Flatness (-40°C to +60°C)	1.5dBp-p @ over 27 MHz 4dBp-p @ over 500 MHz	
Gain Variation @ Fixed Freq. (-40°C to +60°C)	6 dBp-p max	
Phase noise (SSB)	-75 dBc / Hz at 1 kHz -85 dBc / Hz at 10 kHz -95 dBc / Hz at 100 kHz	
Input VSWR	2.0 : 1	
Output VSWR	2.0 : 1	

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60 dB

Conversion gain OutpuT P1dB

Power requirements Current drain Input Waveguide Dimensions Weight

1000XHC 10.95 to 11.70 10.00 950 to 1700

External Ref Frequency Temperature Range

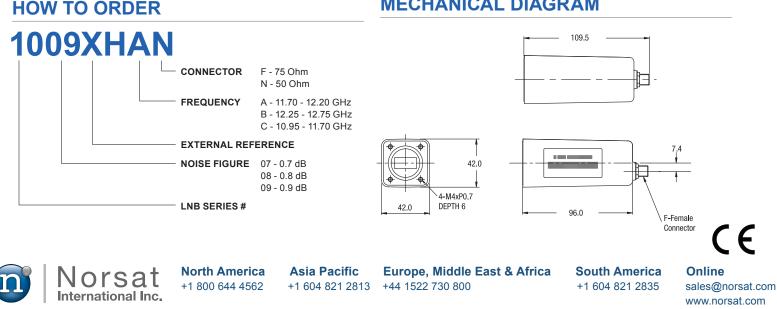
6 dBm +15 to +24 V supplied through center conductor of IF cable 200 mA WR75 110 (L) x 42 (W) x 42 (H) mm (4.3 x 1.7 x 1.7 in) 300g / 10.6 oz

10MHz (sine-wave), -10 to 0 dBm -40C to +60C

FREQUENCY BANDS AVAILABLE

Typical service	1000XHA	1000XHB
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75
L.O. frequency (GHz)	10.75	11.30
Output frequency (MHz)	950 to 1450	950 to 1450

MECHANICAL DIAGRAM



subject to change without notice. ot constitute part of any order or contract.

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