



LNB

X-BAND PLL

X1000HA



TYPICAL SPECIFICATIONS

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

FREQUENCY BANDS AVAILABLE

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

HOW TO ORDER

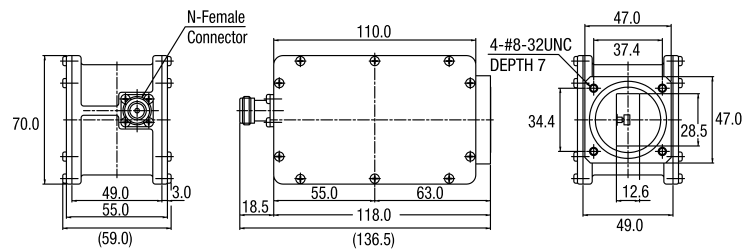
X1000HAN

CONNECTOR

F - 75 Ohm
N - 50 Ohm

LNB SERIES #

MECHANICAL DIAGRAM



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