



LNB

KU-BAND EXT. REF

1000X



TYPICAL SPECIFICATIONS

Noise figure	0.8 to 1.2 dB depending on model number
L.O. stability (over temperature excl offset)	Phase Locked to External Reference
Phase noise (SSB)	-75 dBc/Hz at 1kHz -85 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz
Input VSWR	2.0 : 1
Output VSWR	2.0 : 1

Conversion gain	62 dB
Output P1dB	8 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	300 mA
Dimensions	135 (L) x 66 (W) x 40 (H) mm (5.3 x 2.6 x 1.6 in)
Weight	480g / 16.9 oz
External Ref Frequency	10MHz (sine-wave) -10 to 0 dBm @ Input

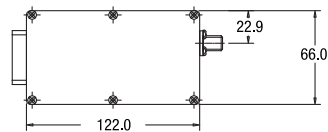
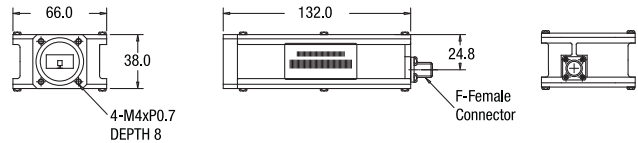
FREQUENCY BANDS AVAILABLE

Typical service	1000XA	1000XB	1000XC	1000XP
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70	11.45 to 11.95
L.O. frequency (GHz)	10.75	11.30	10.00	10.50
Output frequency (MHz)	950 to 1450	950 to 1450	950 to 1700	950 to 1450

HOW TO ORDER KU-BAND 1000X

1009XAN

CONNECTOR.....	F - 75 Ohm N - 50 Ohm
FREQUENCY.....	A - 11.70 - 12.20 GHz B - 12.25 - 12.75 GHz C - 10.95 - 11.70 GHz P - 11.45 - 11.95 GHz
EXTERNAL REFERENCE	
NOISE FIGURE.....	08 - 0.8 dB 09 - 0.9 dB 10 - 1.0 dB 11 - 1.1 dB 12 - 1.2 dB
LNB SERIES #	



MECHANICAL DIAGRAM