



LNB KU-BAND EXT. REF 1000X



TYPICAL SPECIFICATIONS

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

Conversion gain	62 dB
Output P1dB	8 dBm
Power requirements center	+15 to +24 V supplied through 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 -10	10MHz (sine-wave) to 0 dBm @ Input

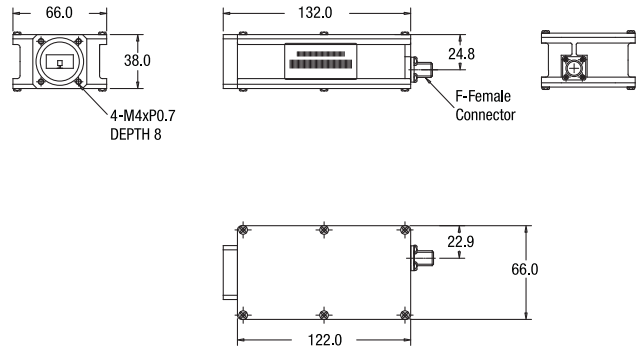
FREQUENCY BANDS AVAILABLE

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