

LNB 4000

DIGITAL- KU-BAND DRO



TYPICAL SPECIFICATIONS

Noise figure	0.6 to 0.8 dB depending on model number	Conversion gain	64 dB
L.O. stability (over temperature excl offset)	±150 kHz to ±500 kHz depending on model number	Output P1dB	8 dBm
Phase noise (SSB)	-65 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz	Power requirements	+15 to +24 V supplied through center conductor of IF cable
Input VSWR	2.2 : 1	Current drain	120 mA
Output VSWR	2.2 : 1	Input Waveguide	WR75
		Dimensions	85 (L) x 43 (W) x 43 (H) mm (3.3 x 1.7 x 1.7 in)
		Weight	120g / 4.2 oz
		Temperature Range	-40°C to +60°C

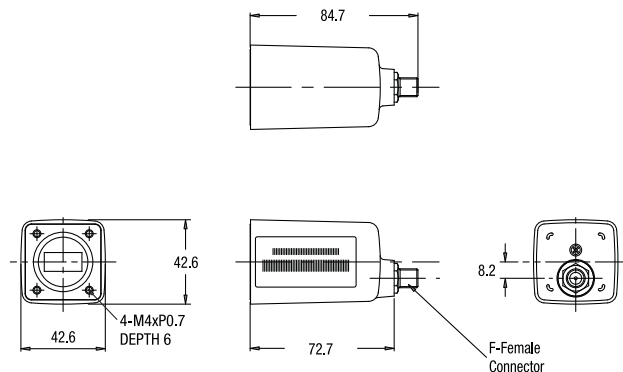
FREQUENCY BANDS AVAILABLE

Typical service	4000A	4000B	4000C
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70
L.O. frequency (GHz)	10.75	11.30	10.00
Output frequency (MHz)	950 to 1450	950 to 1450	950 to 1700

HOW TO ORDER KU-BAND 4000

4106A

FREQUENCY.....	A - 11.70 - 12.20 GHz B - 12.25 - 12.75 GHz C - 10.95 - 11.70 GHz
NOISE FIGURE....	06 - 0.6 dB 07 - 0.7 dB 08 - 0.8 dB
L.O. STABILITY....	1 - ±150 kHz 2 - ±250 kHz 5 - ±500 kHz
LNB SERIES #	



MECHANICAL DIAGRAM

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