



Norsat
International Inc.

Innovative Communication Solutions



LNB

KU-BAND DRO

4000 SERIES



TYPICAL SPECIFICATIONS

Noise figure	0.6 to 0.8 dB depending on model number
L.O. stability (over temperature excl offset)	± 150 kHz to ± 500 kHz depending on model number
Phase noise (SSB)	-65 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz
Input VSWR	2.2 : 1
Output VSWR	2.2 : 1

Conversion gain	62 dB
Output P1dB	8 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	120 mA
Input Waveguide	WR75
Dimensions	85 (L) x 43 (W) x 43 (H) mm (3.3 x 1.7 x 1.7 in)
Weight	120 g / 4.2 oz
Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

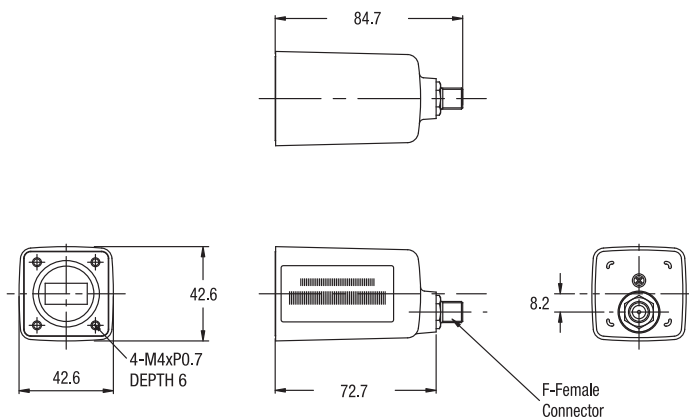
Typical service	4000A	4000B	4000C
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70
L.O. frequency (GHz)	10.75	11.30	10.00
Output frequency (MHz)	950 to 1450	950 to 1450	950 to 1700

HOW TO ORDER

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



Norsat
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Online

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