



Norsat
International Inc.

Intelligent Satellite Solutions



LNB

KA-BAND ISO

9000XI



TYPICAL SPECIFICATIONS

Noise figure	1.7 dB @ 23°C
L.O. stability	Phase locked to External Reference
Phase noise (SSB) max	62 dBc/Hz at 100Hz 72 dBc/Hz at 1kHz 82 dBc/Hz at 10kHz 92 dBc/Hz at 100kHz 102 dBc/Hz at 1MHz
Input VSWR	1.3 : 1
Output VSWR	1.8 : 1

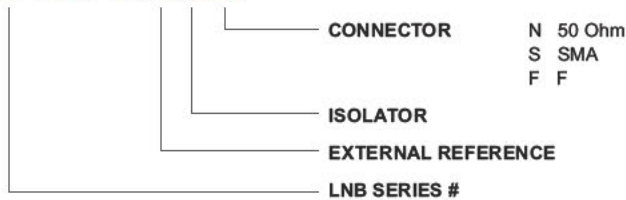
Conversion gain	60 dB
Output P1dB	+15 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Waveguide Flange	WR42
Current drain	400 mA
Dimensions	154 (L) x 76 (W) x 51 (H) mm (6.1 x 3 x 2 in)
Weight	700 g (24.7 oz)
Temperature Range	40°C to +60°C
Gain Flatness	2.0 dB max over Band
External Ref 10MHz	5 to 5 dBm
Desensitization	20 dBm (30 to 31 GHz)
Max Input No Damage	10 dBm (20.2 to 21.2 GHz)

FREQUENCY BANDS AVAILABLE

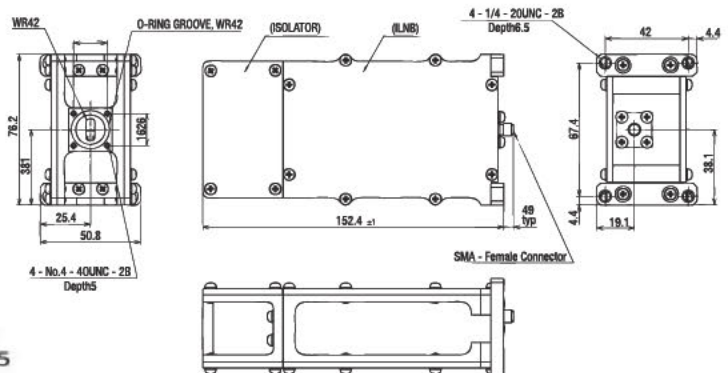
Typical service	9000XI
Input frequency (GHz)	20.20 to 21.20
L.O. frequency (GHz)	19.20
Output frequency (MHz)	1000 to 2000

HOW TO ORDER

9000XIN



MECHANICAL DIAGRAM



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