



KA BAND LNBS

KA-BAND DUAL BAND AUTO-REF

Norsat's Low Noise Block downconverter plus Band Pass Filter provide signal reception for satellite communications while rejecting terrestrial interference in C-Band.

Available Frequency Bands:

9000HX-03B-ABS

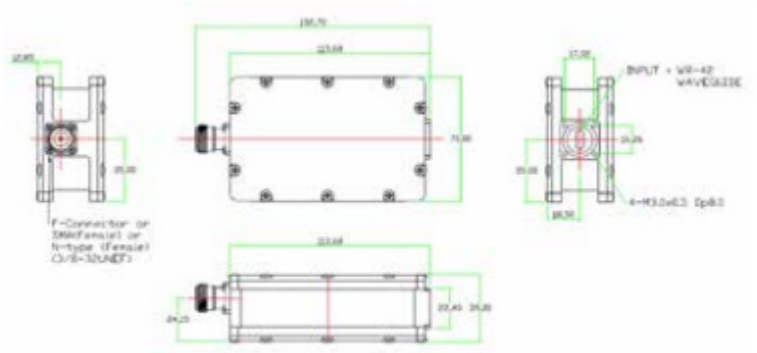
BAND - A

Frequency Band: 17.85 - 18.37
 L.O. Frequency: 16.8
 IF Frequency: 1052-1798



BAND - B

Frequency Band: 18.37 - 19.3
 L.O. Frequency: 17.4
 IF Frequency: 972 - 1900





Norsat
International Inc.

LNBS

LNB w/Built In Bandpass Filter

SPECIFICATIONS:

NOISE FIGURE	1.2dB typ., 1.5 dB max. at room temp. @ CF
PHASE NOISE @ 1KHZ OFFSET:	60dBc @ 100Hz
PHASE NOISE @ 10KHZ OFFSET:	-70dBc @ 1KHz
PHASE NOISE @ 100KHZ OFFSET:	-80dBc @ 10KHz
INPUT VSWR	2.0:1 MAX
OUTPUT VSWR	2.0 : 1 MAX
GAIN:	58 dB typ., 55 dB min., 65 dB
GAIN FLATNESS	≤ 5 dB p-p
Output P1dB:	+ 5 dBm min.
L.O. STABILITY	± 25 KHz in PLL mode if no 10MHz Ext Ref present
DC POWER	+ 11V to + 26V DC
CURRENT	350 mA max.
INPUT(waterproof)	WR-42 waveguide grooved
OUTPUT(waterproof)	F CONNECTOR, N CONNECTOR
RETURN LOSS	+15dB
OPERATION TEMPERATURE	- 40 to + 60°C
WEIGHT	400g / 14.11oz
DIMENSIONS	104 mm x 60 mm x 39 mm
EXTERNAL REF FREQ	10 MHz (sine-wave), -10 to 0 dBm

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