



LNBS

LNB w/Built In Bandpass Filter

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:

3200N-BPF-4

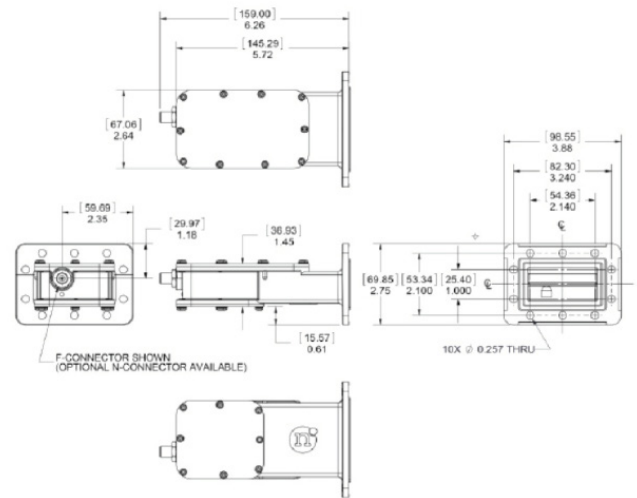
Frequency Band: 3.80 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1350
Rejection Range: < 3.7 GHz and > 4.8GHz

NT-3200N-BPF



3200N-BPF-5

Frequency Band: 3.90 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1250
Rejection Range: < 3.8 GHz and > 4.8GHz



3200N-BPF-6

Frequency Band: 4.00 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1150
Rejection Range: < 3.9 GHz and > 4.8GHz



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SPECIFICATIONS:

NOISE TEMPERATURE	37K typ., 60K max. at room temp. @ CF
PHASE NOISE @ 1KHZ OFFSET:	-80 dBc/Hz
PHASE NOISE @ 10KHZ OFFSET:	-85 dBc/Hz
PHASE NOISE @ 100KHZ OFFSET:	-95 dBc/Hz
INPUT VSWR	2.2 : 1
OUTPUT VSWR	2.5 : 1
GAIN:	60 dB typ., 55 dB min., 70 dB max
GAIN FLATNESS	≤ 6 dB p-p
Output P1dB:	+ 9 dBm min.
Interference Rejection Signal	-25 dBm max. with no degradation
DC POWER	+ 12V to + 24V DCgrooved
CURRENT	400 mA max
INPUT(waterproof)	CPR229G waveguide grooved
OUTPUT(waterproof)	F CONNECTOR, N CONNECTOR
RETURN LOSS	+15dB
OPERATION TEMPERATURE	- 40 to + 60°C
STORAGE TEMPERATURE	- 40 to + 70°C
DIMENSIONS	159mm x 98.5mm x 70mm