



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:

3120N

Frequency Band: 3.40 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1750

3120F

Frequency Band: 3.40 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1750

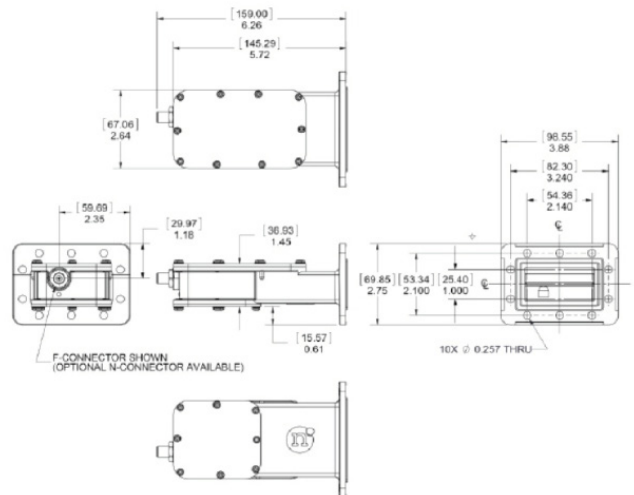
3120CF

Frequency Band: 3.65 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1750

3120RF

Frequency Band: 3.70 - 4.20
L.O. Frequency: 5.15
IF Frequency: 950 - 1750

NT-3120N





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SPECIFICATIONS:

NOISE TEMPERATURE	20k to 30k
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	2.2 : 1
GAIN:	62dB
GAIN FLATNESS	≤ 6 dB p-p
Output P1dB:	+ 9 dBm min.
L.O. STABILITY	±2 kHz to ±25 kHz
DC POWER	+ 12V to + 24V DCgrooved
CURRENT	250 mA max
INPUT(waterproof)	CPR229G waveguide grooved
OUTPUT(waterproof)	F CONNECTOR, N CONNECTOR
RETURN LOSS	+15dB
OPERATION TEMPERATURE	- 40 to + 60°C
WEIGHT	500g / 17.6 oz
DIMENSIONS	144mm x 70mm x 98mm