Norsat International Inc.

Innovative Communication Solutions

3200F-BPF-1

C-Band 5G Rejection LNB and Band Pass Filter

L.O Stability: 2: ± 25KHz
Output Connector: F: 75 Ohm
Frequency: 1: 3.70 - 4.20 GHz

Norsat's Low Noise Block downconverter plus Band Pass Filter provide signal reception for satellite communications while rejecting terrestrial interference in C-Band. We offer premium performance and reliability in the smallest form factor possible. Backed by a 3 year warranty and over forty years of experience as the industry's leading provider of high performance microwave components. 3000-BPF Series.

CE RoHS REACH

KEY SPECIFICATIONS

Band	C-Band
Input Frequency Band 1	3.70 - 4.20 GHz
LO Frequency 1	5.15 GHz
LO Stability	±25 kHz
LO Type	PLL
Noise Figure Max	60K
Noise Figure Typ	37K
Number Of Onboard Los	Single-Band
Output Frequency Band 1	950 - 1450 MHz
Product Family	3000-BPF Series
Rejection Range	< 3.6 GHz and > 4.8 GHz

RF SPECIFICATIONS

Conversion Gain Max	70 dB
Conversion Gain Min	55 dB
Conversion Gain Typ	60 dB
Gain Flatness (over Full Band)	≤ 6 dB p-p max.
Input VSWR	2.2 : 1 max.
Output P1db	+ 9 dBm min.
Output VSWR	2.5 : 1 max.
Phase Noise 1khz Offset Max	-80 dBc/Hz
Phase Noise 10khz Offset Max	-85 dBc/Hz
Phase Noise 100khz Offset Max	-95 dBc/Hz

ELECTRICAL SPECIFICATIONS

Current Consumption	400 mA max.
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS

IF Connector	F-Connector
RF Input Connector	CPR 229G waveguide grooved

ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP 66
Temperature Operational	-40 to +60°C
Temperature Storage	-50 to +70°C

PHYSICAL SPECIFICATIONS

Product Height	70 mm
Product Length	159 mm
Product Weight	0.5 kg
Product Width	98.5 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in Canada	Richmond, BC, Canada	EAR99	170 x 115 x 75 mm | 0.56 kg

HOW TO ORDER

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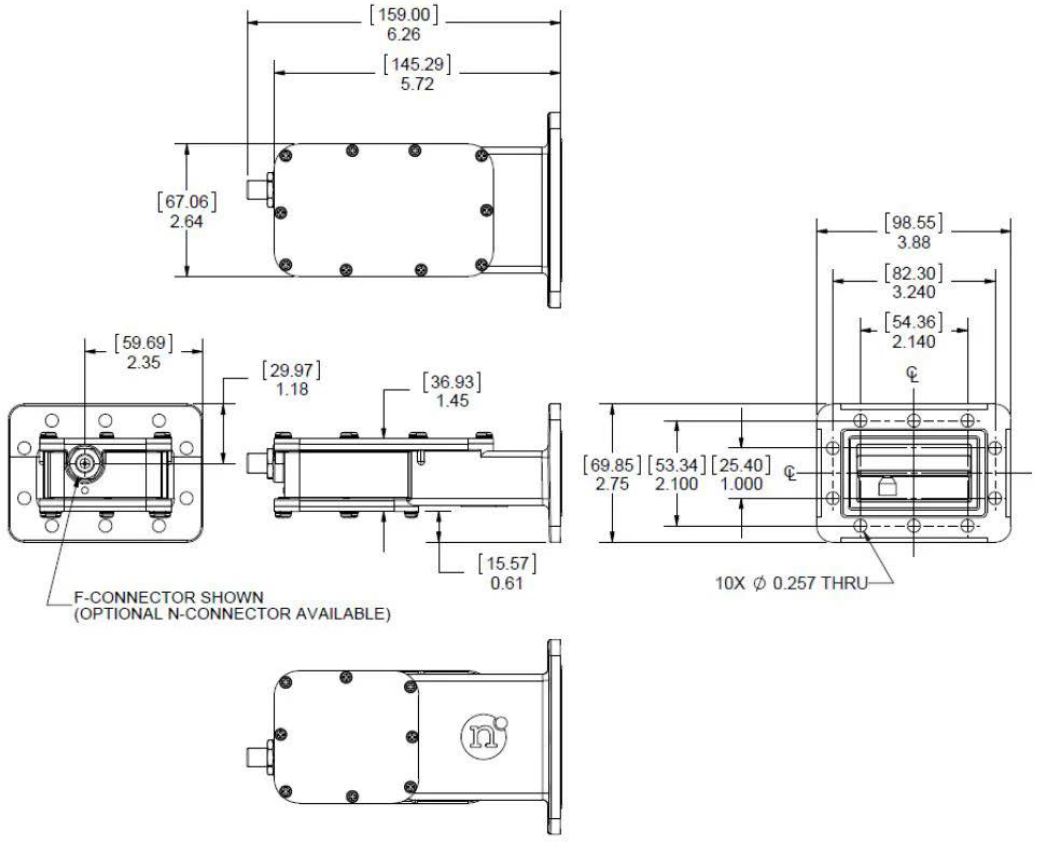
3200N-BPF-1

FREQUENCY (OPTION)	**1:** 3.70 - 4.20 GHz **2:** 3.625 - 4.20 GHz **3:** 3.754 - 4.20 GHz **4:** 3.80 - 4.20 GHz **5:** 3.90 - 4.20 GHz **6:** 4.00 - 4.20 GHz **7:** 4.10 - 4.20 GHz **8:** 3.82 - 4.20 GHz
CONNECTOR	**F -** 75 Ohm **N -** 50 Ohm
L.O. STABILITY	**0:** ± 2 kHz **1:** ±10 kHz **2:** ±25 kHz **5:** ±100 kHz
LNB SERIES #	

MECHANICAL DIAGRAMS



Norsat International Inc.

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