

Innovative Communication Solutions

3025XIF

3000XI C-Band Single Band EXT REF LNB

Connector: F: 75 Ohm

Norsat's Low Noise Blocks (LNBs) provide signal reception for satellite communications around the world. We offer premium performance and reliability in the smallest form factor possible. All of our standard C-Band LNBs are backed by a 3 year warranty and nearly forty years of experience as the industry's leading provider of high performance LNBs. 3000XI Series.





LO Type





KEY SPECIFICATIONS

Band C-Band

External Ref Freq 10 MHz (sine-wave), - 10 to 0 dBm

EXT

Input Frequency Band 1 4.50 - 4.80 GHz

LO Frequency 1 5.00 GHz

LO Stability Ext Ref

Noise Figure Max 30K

Noise Figure Typ 25K

Number Of Onboard Los Single-Band

Output Frequency Band 1 960 - 1260 MHz

RF SPECIFICATIONS

Conversion Gain Max 70 dB

Conversion Gain Min 55 dB

Conversion Gain Typ 65 dB

Gain Flatness (over Full Band) \leq 4 dB p-p max.

Input VSWR 2.5 : 1 max.

 Output P1db
 + 3 dBm min.

 Output VSWR
 2.2 : 1 max.

Phase Noise 1khz Offset Max

Depends on External Reference

Phase Noise 10khz Offset Max

Depends on External Reference

Phase Noise 100khz Offset Max Depends on External Reference

ELECTRICAL SPECIFICATIONS

Power Requirements +15 to +24V DC





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INTERFACE SPECIFICATIONS

IF Connector F-Connector

RF Input Connector CPR 229G waveguide grooved

M and C SPECIFICATIONS

Led Indicators None

ENVIRONMENTAL SPECIFICATIONS

IP Rating IP 67

Temperature Operational $-40 \text{ to } +60 ^{\circ}\text{C}$ Temperature Storage $-40 \text{ to } +80 ^{\circ}\text{C}$

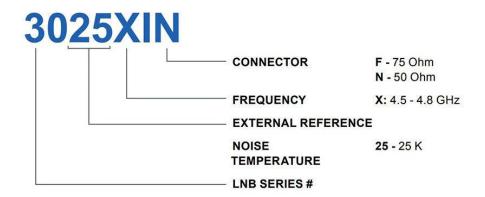
PHYSICAL SPECIFICATIONS

Product Height70 mmProduct Length180 mmProduct Weight0.575 kgProduct Width100 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in the Republic of Korea	Richmond, BC, Canada	EAR99	190 x 115 x 80 mm 0.68 kg

HOW TO ORDER



MECHANICAL DIAGRAMS



Norsat authorized distributor

Esatcom Inc.

3628 Francis Lewis Blvd. Flushing, NY 11358 www.esatcom.com Tel: 718.799.0084

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