



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.



KEY SPECIFICATIONS

Band	C-Band
External Ref Freq	10 MHz (sine-wave), - 10 to 0 dBm
Input Frequency Band 1	4.50 - 4.80 GHz
LO Frequency 1	5.00 GHz
LO Stability	Ext Ref
LO Type	EXT
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)	≤ 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
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ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP 67
Temperature Operational	-40 to +60°C
Temperature Storage	-40 to +80°C

PHYSICAL SPECIFICATIONS

Product Height	70 mm
Product Length	180 mm
Product Weight	0.575 kg
Product Width	100 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

3025XIN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	X: 4.5 - 4.8 GHz
EXTERNAL REFERENCE	
NOISE TEMPERATURE	25 - 25 K
LNB SERIES #	

MECHANICAL DIAGRAMS

