Norsat International Inc.

Innovative Communication Solutions

15008LBN

1000 Ku-Band Single Band PLL LNB

Noise Figure: 0.8 dB
Frequency: B: 12.25 - 12.75 GHz
Output Connector: N: 50 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 Ku-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. 15000L Series.

CE RoHS REACH

KEY SPECIFICATIONS

Band	Ku-Band
Input Frequency Band 1	12.25 - 12.75 GHz
LO Frequency 1	11.30 GHz
LO Stability	±50 kHz
LO Type	PLL
Noise Figure Max	0.9 dB
Noise Figure Typ	0.8 dB
Number Of Onboard Los	Single-Band
Output Frequency Band 1	950 - 1450 MHz

RF SPECIFICATIONS

Conversion Gain Max	65 dB
Conversion Gain Min	55 dB
Conversion Gain Typ	60 dB
Input VSWR	2.0 : 1 max.
Output VSWR	2.0 : 1 max.

ELECTRICAL SPECIFICATIONS

Current Consumption	170 mA
Power Requirements	+15 to +24V DC

INTERFACE SPECIFICATIONS

IF Connector	N-Connector
RF Input Connector	WR-75 waveguide grooved

M and C SPECIFICATIONS

© Copyright Norsat International Inc. All Rights Reserved. Specifications are subject to change without notice. Final product may not be as illustrated. The information contained herein does not constitute part of any order or contract.

Led Indicators	None

ENVIRONMENTAL SPECIFICATIONS

Humidity	0 - 95%
Temperature Operational	-40°C to +60°C

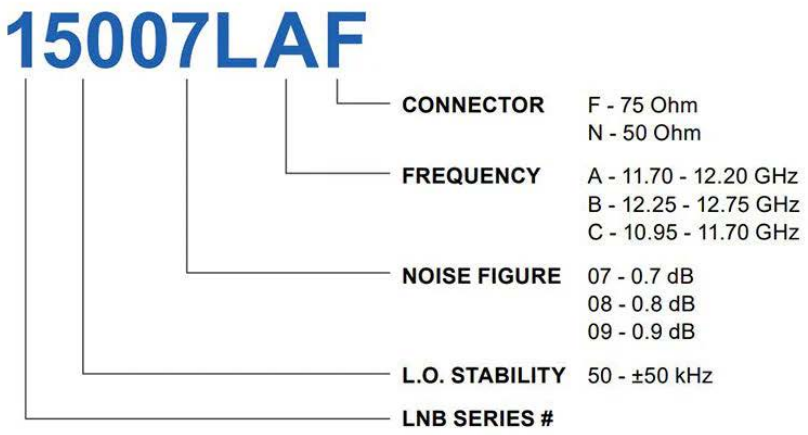
PHYSICAL SPECIFICATIONS

Product Height	42 mm
Product Length	110 mm
Product Weight	0.3 kg
Product Width	42 mm

LOGISTICS SPECIFICATIONS

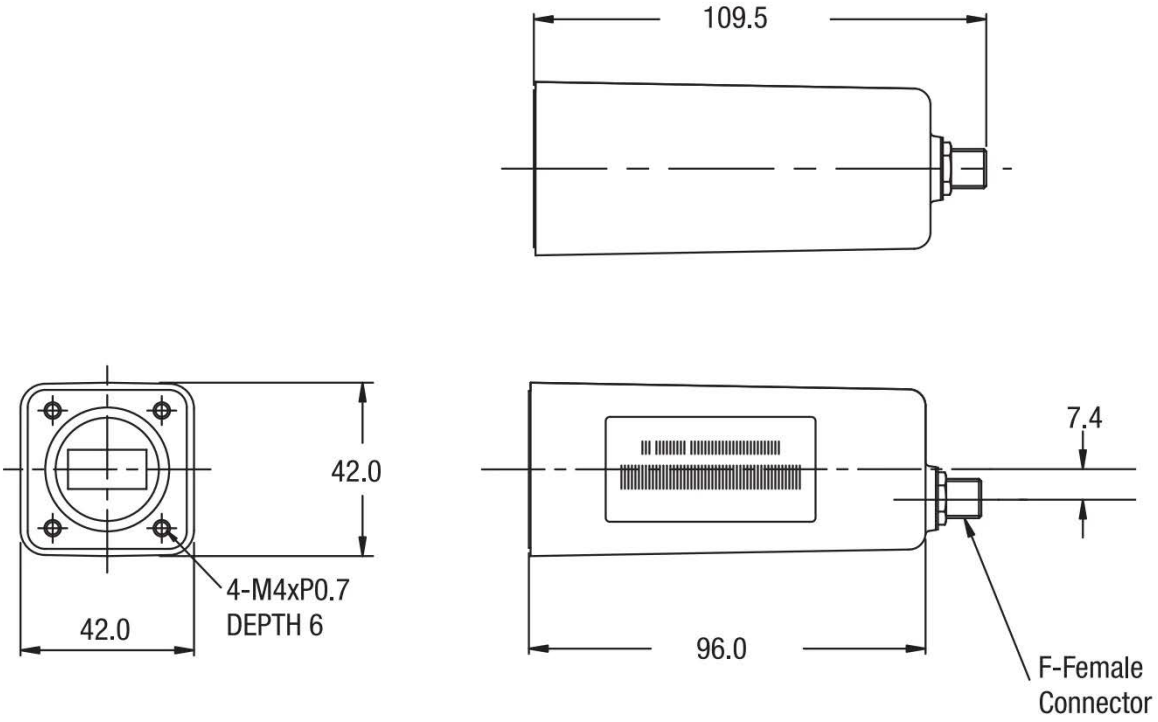
HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in the Republic of Korea	Richmond, BC, Canada	EAR99	140 x 50 x 50 mm |

HOW TO ORDER



MECHANICAL DIAGRAMS

© Copyright Norsat International Inc. All Rights Reserved. Specifications are subject to change without notice. Final product may not be as illustrated. The information contained herein does not constitute part of any order or contract.



Norsat International Inc.

ESATCOM INC

Norsat authorized distributor

Esatcom Inc.
3628 Francis Lewis Blvd.
Flushing, NY 11358
www.esatcom.com
Tel: 718.799.0084
Email: sales@esatcom.com

© Copyright Norsat International Inc. All Rights Reserved. Specifications are subject to change without notice. Final product may not be as illustrated. The information contained herein does not constitute part of any order or contract.