



LA-30N Line Amplifier

Connector: N: 50 Ohm

Norsat's line Amplifiers provide a range of amplification at 950 to 2150 MHz and handles the current requirement of the LNB. It features a rugged, die cast aluminum chassis and is environmentally sealed and moisture resistant.



KEY SPECIFICATIONS

Frequency	L-Band: 950 - 2150 MHz
Noise Figure	5 dB max.
Product Revision	B

RF SPECIFICATIONS

Conversion Gain Max	35 dB
Conversion Gain Min	6 dB
Gain Flatness (Over Full Band)	≤ 4 dB p-p
Input VSWR	2.2 : 1 max.
Output P1dB	+ 2 dBm min.
Output VSWR	2.2 : 1 max.

ELECTRICAL SPECIFICATIONS

Current Consumption	175 mA max.
Input Requirement	-85 to -40 dBm (nominal); -30 dBm max. -5 dBm (no damage for duration 5 seconds max.)

INTERFACE SPECIFICATIONS

RF Input Connector	N: 50 Ohm
RF Output Connector	N: 50 Ohm

ENVIRONMENTAL SPECIFICATIONS

Temperature Operational	-30°C to +50°C
Temperature Storage	-40 to +70°C

PHYSICAL SPECIFICATIONS

Product Height	0.051 m
Product Length	0.161 m
Product Weight	0.5 kg



Product Width 0.085 m

SHIPPING INFORMATION

HS Code	8517690000
Country of Origin	Made in Canada
Ex Works	Richmond, BC, Canada
ECCN Number	EAR99
Warranty	3 years
Unit Package Dimensions	195 x 100 x 60 mm
Unit Package Weight	0.5 kg
Total Aluminium Content	0.363 kg
Aluminum Country of Smelt and Cast	Made in Canada
Total Aluminium Value	0.9075

MECHANICAL DIAGRAMS

