



LNAL30NF

Single-Band L-Band LNA

Band: 1400 - 1600 MHz

Input Connector: N - 50 Ohm

Output Connector: F - 75 Ohm



KEY SPECIFICATIONS

Band	L-Band
Required Current	300 mA

RF SPECIFICATIONS

Conversion Gain	50 dB min., 60 dB typ., 65 dB max.
Gain Flatness	2 dB p-p
Gain Ripple (At Per 36 M Hz)	1 dB p-p
Input Frequency	L-Band: 1400 - 1600 MHz
Input V S W R	2.0 : 1
Output P1D B	+ 10 dBm
Output V S W R	2.0 : 1

ELECTRICAL SPECIFICATIONS

Power Connector	Pin through connector
Power Supply	12-24 VDC

INTERFACE SPECIFICATIONS

R F Input Connector	N - 50 Ohm
R F Output Connector	F - 75 Ohm

ENVIRONMENTAL SPECIFICATIONS

Noise Temperature	45'K
Temperature Operational	-40 to +60°C





Weight 250 g

PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H) 22.6 x 45.0 x 100.0 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	190 x 115 x 75 mm 250 g

MECHANICAL DIAGRAMS

