

Innovative Communication Solutions

175 mA max.

1 A max. between 12V to 30V F-Connector (75 Ohm) N-Connector (50 Ohm) F-Connector (75 Ohm) N-Connector (50 Ohm) 161 mm x 85 mm x 51 mm

(6.4 in x 3.4 in x 2.0 in) 500 g (17.5 oz)

MICROWAVE COMPONE L-BAND LINE AMPLIFIER **LA30**

SPECIFICATIONS

-30 dBm max. -5 dBm (no dama 5 seconds max.)Noise Figure5 dB max.Input VSWR2.2 : 1 max.Output VSWR2.2 : 1 max.Gain6 dB min. to 35 dGain Flatness (over full band)≤ 4 dB p-p	Frequency	950 to 2150 MHz
Input VSWR 2.2 : 1 max. Output VSWR 2.2 : 1 max. Gain 6 dB min. to 35 d Gain Flatness (over full band) ≤ 4 dB p-p	Input Requirements	-5 dBm (no damag
Output VSWR2.2 : 1 max.Gain6 dB min. to 35 dGain Flatness (over full band)≤ 4 dB p-p	Noise Figure	5 dB max.
Gain6 dB min. to 35 dGain Flatness≤ 4 dB p-p(over full band)	Input VSWR	2.2 : 1 max.
Gain Flatness ≤ 4 dB p-p (over full band)	Output VSWR	2.2 : 1 max.
(over full band)	Gain	6 dB min. to 35 dE
Output P1dB + 2 dBm min.		≤ 4 dB p-p
	Output P1dB	+ 2 dBm min.

-85 to -40 dBm (nominal) -30 dBm max. -5 dBm (no damage for duration 5 seconds max.)
5 dB max.
2.2 : 1 max.
2.2 : 1 max.
6 dB min. to 35 dB max.
≤ 4 dB p-p
+ 2 dBm min.

DC Power	+12V to +30V DC

DC Fower
Current
DC Through-Current
Input (waterproof)
Output (waterproof)
Dimensions (L x W x H)
Weight

APPLICATIONS

- · Provides a range of amplification at 950 to 2150 MHz
- · Passes L-Band, 10 MHz, 22 kHz and DC signals with minimal loss
- · Handles the current requirement of the LNB
- Rugged die cast aluminum chassis
- · Environmentally sealed and moisture resistant

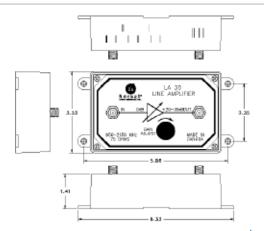
HOW TO ORDER

LA-30N

- CONNECTOR

F - 75 Ohm N - 50 Ohm

MECHANICAL DIAGRAM





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