

L-Band Amplifier

L-Band Line Amplifier LA-30

SPECIFICATIONS

LA-30



CONNECTOR

F - 75 Ohm

N - 50 Ohm

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



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SPECIFICATIONS:

FREQUENCY	950 to 2150 MHz
INPUT REQUIREMENTS	-85 to -40 dBm (nominal) -30 dBm max. -5 dBm (no damage for duration 5 seconds max.)
INPUT VSWR	2.2 : 1
OUTPUT VSWR	2.2 : 1
GAIN:	6 dB min. to 35 dB max.
GAIN FLATNESS	≤ 4 dB p-p
Output P1dB:	+ 2 dBm min.
NOISE FIGURE	5 dB Max
DC POWER	+12V to +30V DC
CURRENT	175 mA max.
INPUT(waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
OUTPUT(waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
RETURN LOSS	+15dB
OPERATION TEMPERATURE	-30°C ~ +50°C
WEIGHT	500 g (17.5 oz)
DIMENSIONS	161 mm x 85 mm x 51 mm (6.4 in x 3.4 in x 2.0 in)