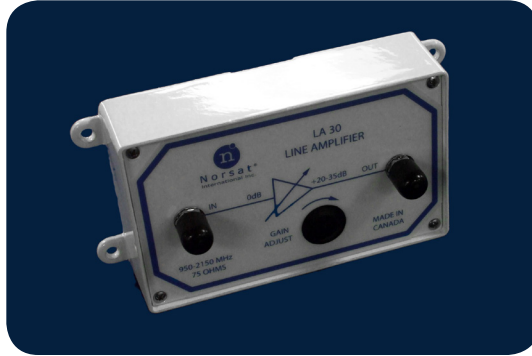




# MICROWAVE COMPONENT

## L-BAND LINE AMPLIFIER LA30



### 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

### TYPICAL SPECIFICATIONS

<b>L-Band frequency range</b>	950 to 2150 MHz
<b>L-Band input range</b>	-85 to -40 dBm (nominal) -30 dBm (maximum) -5 dBm (no damage for duration 5 seconds max)
<b>Conversion gain</b>	6 dB minimum 35 dB maximum
<b>Input VSWR</b>	2.2 : 1
<b>Output VSWR</b>	2.2 : 1

<b>Noise figure maximum</b>	5 dB
<b>DC through current maximum</b>	1 A between 12 to 30 V
<b>Operating voltage</b>	+12 to +30 V
<b>Operating current maximum</b>	175 mA
<b>Dimensions</b>	161 (L) x 85 (W) x 51 (H) mm (6.4 x 3.4 x 2.0 in)
<b>Weight</b>	500 g / 17.5 oz

### HOW TO ORDER

## LA-30N

