

ERZ-LNA-0300-0800-13-2

C BAND LOW NOISE AMPLIFIER

Description:

The ERZ-LNA-0300-0800-13-2 is a Low Noise Amplifier providing Low Noise Figure and a gain above 14 dB. The compact size and modularity makes it ideal for a wide range of applications.

Key Features

Small Signal Gain (dB): 13,00

Noise Figure (dB): 1,5

Bias: Power supply: 12 V

Package Dimensions: 16x30x17,5 mm



Specification

Frequency Start (GHz)	3,00
Frequency Stop (GHz)	8,00
Psat (dBm)	19
Gain (dB)	13,00
Gain flatness (dB)	±0,5
NF (dB)	1.5 (avg)
VSWR IN	1.7:1
VSWR OUT	1.2:1
Power supply (V)	12 ±4
Current (mA)	70
Power consumption (W)	0.8
Max. Input DC (no damage) (V)	16
Max. RF input power (dBm)	15
Temperature (operation) (°C)	-20 to 65
Temperature (storage) (°C)	-50 to 75

Applications:

Industrial / Laboratory

Satcom / Telecom

Space / Aerospace / Military

Outline Drawing:

