

ERZ-LNA-0300-0800-23-2

C BAND LOW NOISE AMPLIFIER

Description:

The ERZ-LNA-0300-0800-23-2 is a Low Noise Amplifier providing Low Noise Figure and a gain above 23 dB. The compact size and modularity makes it ideal for a wide range of applications.



Key Features

Small Signal Gain (dB): 23,00

Noise Figure (dB): 1,9

Bias: Power supply: 12 V

Package Dimensions: 30x30x17,5 mm

Specification

Frequency Start (GHz)	3,00
Frequency Stop (GHz)	8,00
Psat (dBm)	12
Gain (dB)	23,00
Gain flatness (dB)	±1
NF (dB)	1.9 (avg)
VSWR IN	2.0:1
VSWR OUT	1.1:1
Power supply (V)	12 ±4
Current (mA)	50
Power consumption (W)	0.6
Max. Input DC (no damage) (V)	16
Max. RF input power (dBm)	16
Temperature (operation) (°C)	-20 to 65
Temperature (storage) (°C)	-50 to 75

Applications:

Industrial / Laboratory

Satcom / Telecom

Space / Aerospace / Military

Outline Drawing:

