

ERZ-LNA-0840-1020-21-1.5

X BAND LOW NOISE AMPLIFIER

Description:

The ERZ-LNA-0840-1020-21-1 is a Low Noise Amplifier providing a gain greater than 25 dB with excellent gain flatness behavior and an output power above 10 dBm. The compact size and modularity makes it ideal for a wide range of applications.

Key Features

Small Signal Gain (dB): 25,00

Noise Figure (dB): 1.5

Bias: Power supply: 5 V

Package Dimensions: 25x20x10 mm



Specification

Frequency Start (GHz)	8,40
Frequency Stop (GHz)	10,20
Psat (dBm)	11
Gain (dB)	25,00
Gain flatness (dB)	±0,5
NF (dB)	1.5
VSWR IN	3.0:1
VSWR OUT	1.5:1
Power supply (V)	5 ±0,5
Current (mA)	100
Power consumption (W)	0.5
Max. Input DC (no damage) (V)	5.5
Max. RF input power (dBm)	0
Temperature (operation) (°C)	-35 to 60
Temperature (storage) (°C)	-45 to 85

Applications:

Industrial / Laboratory

Satcom / Telecom

Space / Aerospace / Military

Outline Drawing:

