

ERZ-LNA-2900-4000-34-2.5

KA BAND LOW NOISE AMPLIFIER

Description:

The ERZ-LNA-2900-4000-34-2.5 is a device composed of two stages providing Low Noise Figure throughout the entire operation range. The compact size and modularity makes it ideal for a wide range of applications.



Key Features

Small Signal Gain (dB): 34,00

Noise Figure (dB): 2.5

Bias: Power supply: 15 V

Package Dimensions: 30x30x17,5 mm

Specification

Frequency Start (GHz)	29,00
Frequency Stop (GHz)	40,00
Psat (dBm)	14
Gain (dB)	34,00
Gain flatness (dB)	±2
NF (dB)	2.5
VSWR IN	1.8:1
VSWR OUT	2.3:1
Power supply (V)	15 ±4
Current (mA)	116
Power consumption (W)	1.75
Max. Input DC (no damage) (V)	20
Max. RF input power (dBm)	0
Temperature (operation) (°C)	-35 to 70
Temperature (storage) (°C)	-45 to 85

Applications:

Industrial / Laboratory

Satcom / Telecom

Space / Aerospace / Military

Outline Drawing:

