

ERZ-HPA-0100-1800-21

LOW FREQUENCY WIDEBAND POWER AMPLIFIER

Description:

The ERZ-HPA-0100-1800-21 is a low frequency wideband Amplifier providing up to 21 dBm and a gain of 14 dB. The compact size and modularity makes it ideal for a wide range of applications.



Key Features

Small Signal Gain (dB): 14,00

Noise Figure (dB): -

Bias: Power supply: +12 V, DC Current: 100 mA

Package Dimensions: 16x30x17,5 mm

Specification

Frequency Start (GHz)	1,00
Frequency Stop (GHz)	18,00
Psat (dBm)	21
Gain (dB)	14,00
Gain flatness (dB)	±1
NF (dB)	-
VSWR IN	2.0:1
VSWR OUT	2.0:1
Power supply (V)	12 ±4
Current (mA)	100
Power consumption (W)	1.2
Max. Input DC (no damage) (V)	16
Max. RF input power (dBm)	10
Temperature (operation) (°C)	-35 to 70
Temperature (storage) (°C)	-55 to 125

Applications:

Industrial / Laboratory

Satcom / Telecom

Space / Aerospace / Military

Outline Drawing:

