

Low Noise Amplifier RFPR407-507-A30

Features:

- Low Noise
- Economical
- Small & Rigid design

Description:

The RFPR407-507-A30 is an Ultra-Low Phase Noise RF Amplifier for phase noise measurement of devices with low output power. This amplifier is also excellent for laboratory and manufacturing applications.

Applications:

- Amateur Radio
- UHF Band Application
- Radar Devices
- Defense & Satellite Communication

Standard Accessories:

• USB Charger (5V, 2A) (Figure. 1)



Figure 1



Electrical Specifications:	
Frequency Range:	400 to 500MHz
Gain:	+30 dB (Min.)
Input Power:	+0 dBm (Max.)
In/Out Impedance:	50 Ω
Noise Figure:	< 2dB
1dB Compression:	10mW
Operating temperature:	0 °C to 50 °C
Supply:	+5V To +5.5V DC
Input/Output Connector:	SMA (F)
Power Consumption:	0.96Watt (Max.)
Mechanical Specification:	
	L = 65.4 L' = 46.4 B = 42.8 H = 16.9
Shape:	Rectangle Cuboidal Shape
Weight:	80 gm





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A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction. B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.