

# Pre Amplifier RFPR158-228-A16

## Features:

- Low Noise
- Economical
- Small & Rigid design

## Description:

The RFPR158-228-A16 is a broadband, 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:

- GPS, PCS, GSM, Cellular
- Wireless Data
- High Dynamic Range
- Defense & Satellite Communication

## Standard Accessories:

- USB Charger (5V, 2A) (Figure. 1)

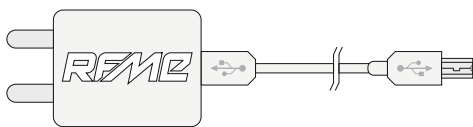


Figure 1

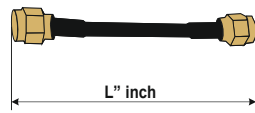
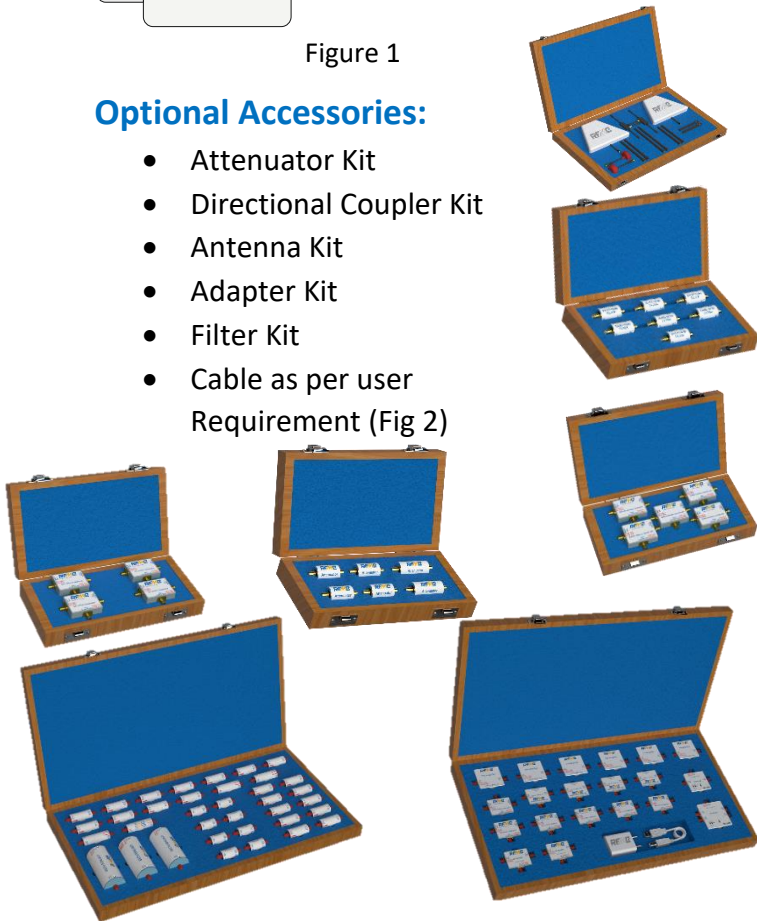


Figure 2

## Optional Accessories:

- Attenuator Kit
- Directional Coupler Kit
- Antenna Kit
- Adapter Kit
- Filter Kit
- Cable as per user Requirement (Fig 2)

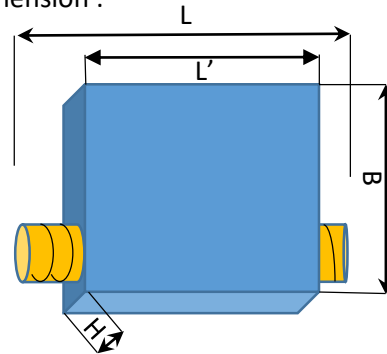


## Electrical Specifications:

Frequency Range:	1.5 to 2.2GHz
Gain:	+15 ± 2.5 dB
Input Power:	+5 dBm (Max.)
In/Out Impedance:	50 Ohm
Noise Figure:	Typical 1.1 dB
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:

### Dimension :



L = 65.4  
L' = 46.4  
B = 42.8  
H = 16.9

Shape:	Rectangle Cuboidal Shape
Weight:	80 gm

## FREQUENCY VS GAIN

