

Pre Amplifier RFPR248-258-A16



Features:

- Low Noise
- Economical
- Small & Rigid design

Description:

The RFPR248-258-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:

- Cellular/PCS/3G
- Fixed Wireless & WLAN
- CATV & cable modem
- Microwave radio

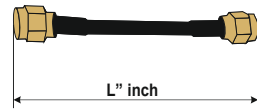


Figure 2

Standard Accessories:

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

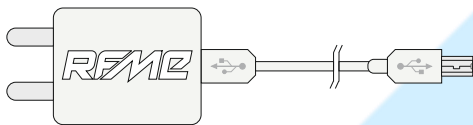


Figure 1

Optional Accessories:

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

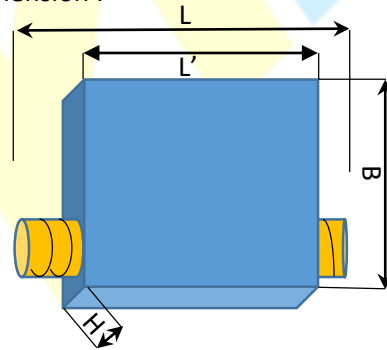


Electrical Specifications:

Frequency Range:	2.4 to 2.5GHz
Gain:	+14 dB ± 0.5 dB
Input Power:	+10dBm (Max.)
In/Out Impedance:	50 Ohm
Noise Figure:	Typical 1.3 dB
Operating temperature:	0 °C to 50 °C
Supply:	+5V To +5.5V DC
In/Out Connector:	SMA (F)
Power Consumption:	0.96 Watt (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

