

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

Standard Accessories:

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

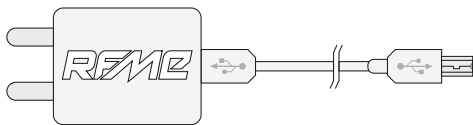


Figure 1

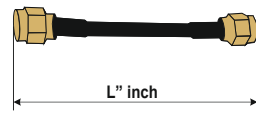
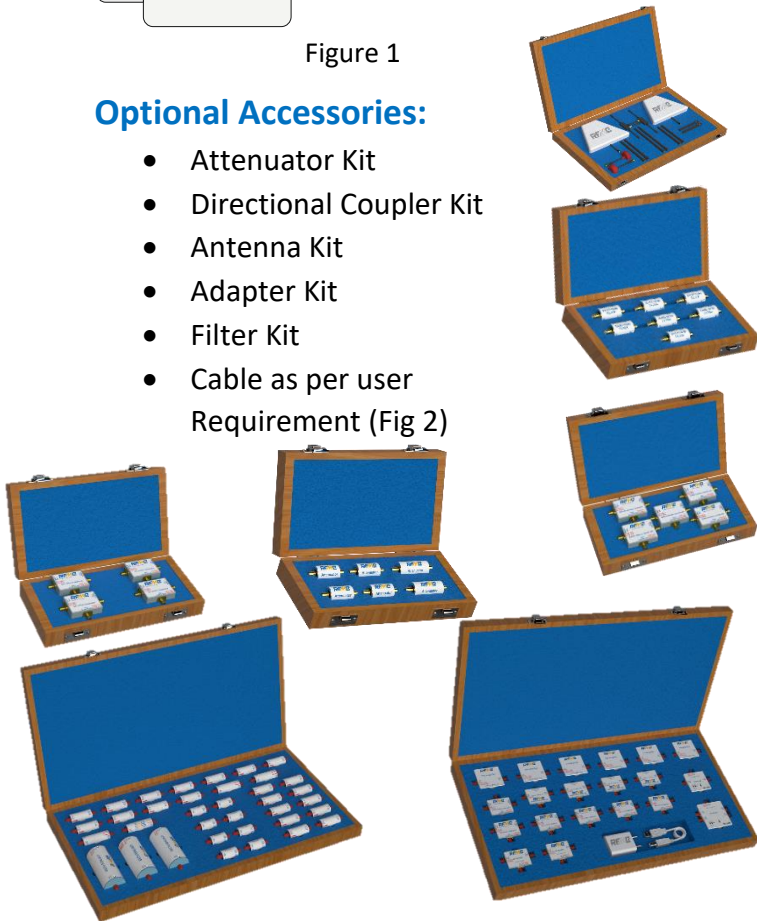


Figure 2

Optional Accessories:

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

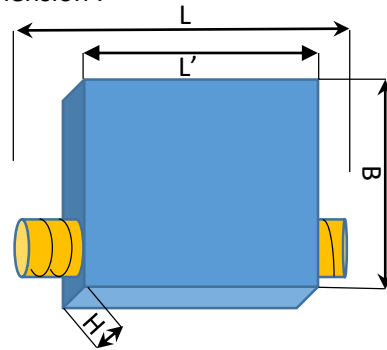


Electrical Specifications:

| | |
|------------------------|------------------|
| Frequency Range: | 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

