

Features:

- Low Noise
- Economical
- Small & Rigid design

Description:

The TFPR248-258-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)

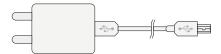


Figure 1

Optional Accessories:

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



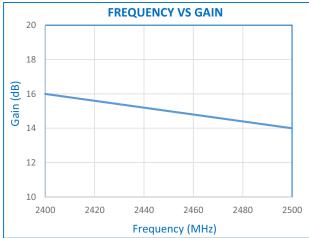






| Electrical Specifications: | | |
|----------------------------|------------------|--|
| Frequency Range: | 2.4 to 2.5GHz | |
| Gain: | +15 dB ± 1 dB | |
| Input Power: | +10dBm (Max.) | |
| In/Out Impedance: | 50 Ohm | |
| Noise Figure: | Typical 1.3dB | |
| Operating temperature: | 0 °C to 50 °C | |
| Supply: | +5V To +5.5V DC | |
| In/Out Connector: | SMA (F) | |
| Power Consumption: | 0.96 Watt (Max.) | |

| | Mechanical Specification: | | |
|---|---------------------------|----------------|--|
| | Dimension : | | |
| | L' | L = 65.4 | |
| | | L' = 46.4 | |
| | · B | B = 42.8 | |
| | | H = 16.9 | |
| | Shape: | Rectangle | |
| | | Cuboidal Shape | |
| 1 | Weight: | 80 gm | |



Note: Specifications are subject to change.

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