

Features:

- Low Noise
- Economical
- Small & Rigid design

Description:

The TFPR238-388-A13 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:

- **Base Station Transreceiver**
- **Tower mounted Amplifier**
- Repeater
- Wi-Fi/Bluetooth/WiMax



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)



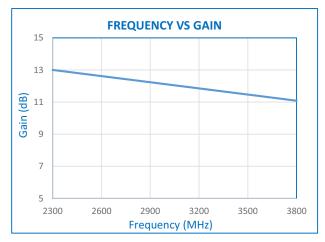






Electrical Specifications:	
Frequency Range:	2.3 to 3.8GHz
Gain:	+12dB ± 1 dB
Input Power:	+10dBm (Max.)
In/Out Impedance:	50 Ohm
Noise Figure:	Typical 1dB
Operating temperature:	0 °C to 50 °C
Supply:	+5V To +5.5V DC
In/Out Connector:	SMA (F)
Power Consumption:	0.96 Watt (Max.)

Mechanical Specification: Dimension: L = 65.4L' = 46.4Β B = 42.8H = 16.9Shape: Rectangle **Cuboidal Shape** Weight: 80 gm



Note: Specifications are subject to change.

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