

- Low Noise
- Economical
- Small & Rigid design •

Description:

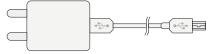
The TFPRDC-608-A15 is a broadband, Ultra Low Phase Noise RF Amplifier for phase noise measurement of devices with low output power. This amplifier is also excellent for laboratory and manufacturing applications.

Applications:

- Cellular / PCS / 3G
- **Fixed Wireless & WLAN**
- CATV & Cable Modem
- **Microwave Radio**

Standard Accessories:

• USB Charger (5V, 2A) (Figure. 1)





Optional Accessories:

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



12

10 0

1000

2000

3000

Frequency (MHz)

4000

5000

L" inch

Figure 2



Electrical Specifications:	
Frequency Range:	DC to 6GHz
Gain:	+15 dB ± 1 dB
Input Power:	+10dBm (Max.)
In/Out Impedance:	50 Ohm
Return Loss:	-7 dB Min
Reverse Isolation:	20 dB
Noise Figure:	Typical 5 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 :	
Ľ	L = 65.4
	L' = 46.4
	L = 40.4
	B = 42.8
	H = 16.9
(F)	
Shape:	Rectangle
	Cuboidal Shape
Weight:	80 gm
	66 g.m
FREQUENCY VS GAIN	
20	
18	
a 16	
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Note: Specifications are subject to change.

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