

#### **Features:**

- Low Noise
- Economical
- Small & Rigid design

#### **Description:**

The TFPR158-228-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:**

- GPS, PCS, GSM, Cellular
- Wireless Data
- High Dynamic Range

Figure 2



#### **Standard Accessories:**

• USB Charger (5V, 2A) (Figure. 1)

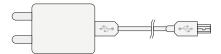


Figure 1

## **Optional Accessories:**

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



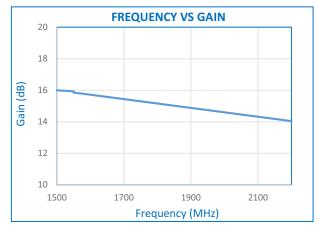
L" inch



Electrical Specifications:	
Frequency Range:	1.5 to 2.2GHz
Gain:	+15 dB ± 1 dB
Input Power:	+5dBm (Max.)
In/Out Impedance:	50 Ohm
Noise Figure:	Typical 1.1dB
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 = 65.4	
		L' = 46.4	
	' B	B = 42.8	
		H = 16.9	
	K.		
	Shape:	Rectangle	
		Cuboidal Shape	
,	Weight:	80 gm	





Note: Specifications are subject to change.

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