

### **Features:**

- Low Noise
- Economical
- Small & Rigid design

## **Description:**

The TFPR867-897-A19 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
- CDMA



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)



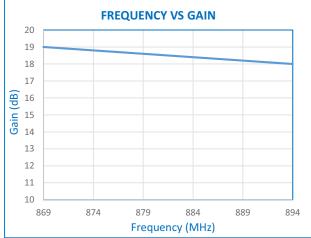






Electrical Specifications:			
Frequency Range:	869 to 894GHz		
Gain:	+18dB ± 1 dB		
Input Power:	+5 dBm (Max.)		
In/Out Impedance:	50 Ohm		
Noise Figure:	Typical 1dB		
Operating temperature:	0 °C to 50 °C		
Supply:	+5V To +5.5V DC		
In/Out Connector:	SMA (F)		
Power Consumption:	0.96 Watt (Max.)		

٨	Mechanical Specification:		
С	Dimension :		
	L'		L = 65.4
			L' = 46.4
		_ B	B = 42.8
			H = 16.9
S	hape:		Rectangle
			Cuboidal Shape
V	Veight:		80 gm



Note: Specifications are subject to change.

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