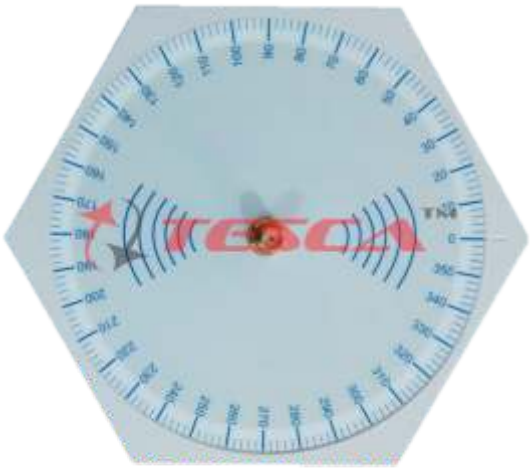
Features:

- Several Frequency Ranges
- Precise Amplitude Measurement
- Long Life Battery operation
- Economical
- Small & Rigid design
- Extended Mode with GUI



Description:

The TFRxV016-109 is a Broadband Power Detector which operates from 1MHz to 10GHz with the capability to measure the RF signal in decibel-scaled output. The input dynamic range is typically 50 dB (referenced to 50 Ω) with less than ±3 dB error. They are used in various communication test setups for accurate measurements. TFRxV016-109 is a portable, cost effective as well as fulfils all quality standards. Stability over temperature is ±0.5 dB.

Applications:

- Scientific equipment manufacturer
- Power monitoring in radio link transmitters
- RSSI measurement in base stations, WLANs, WiMAX and radars.
- EMC Test laboratories
- Microwave system manufacturer
- Antenna manufacturer
- Bluetooth, Laura and Zigbee device manufacturer
- Testing of shielding effectiveness
- Engineering and technology colleges
- GSM and CDMA mobile towers

Standard Accessories:

- SMA(M) to SMA(M) 50 Ohms cable 10” (Figure 1)
- Charger (Figure 2)

Figure 1

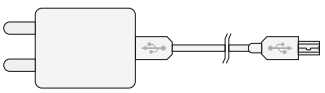
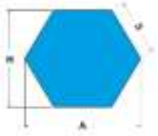
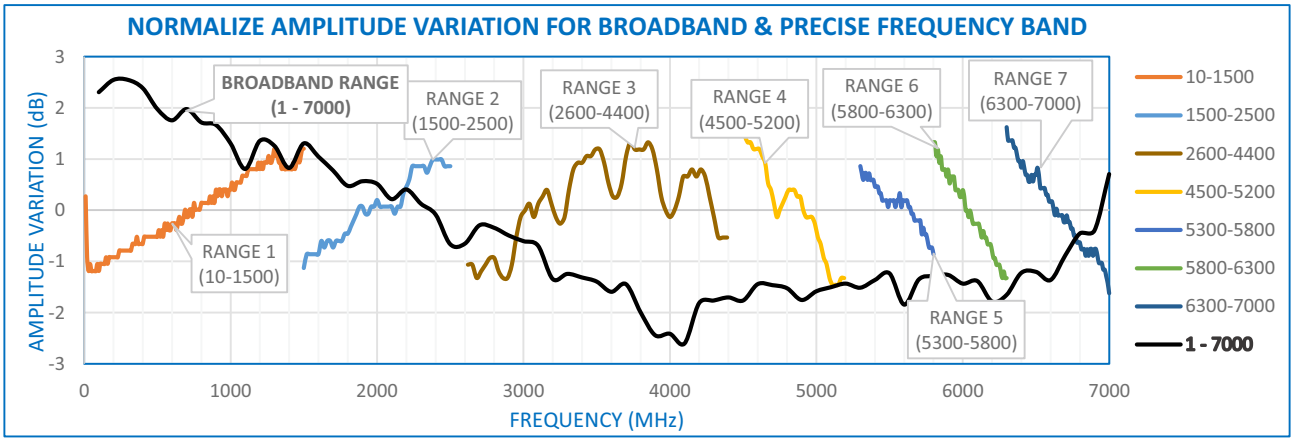


Figure 2

Electrical Specifications:		
Frequency Range:	1 MHz to 10 GHz	
Dynamic Range:		
1 – 8000 MHz	-5 to -55 dBm	
8 - 10 GHz	-15 to -45 dBm	
Amplitude Variation:		
Broadband Mode	± 3 dB	
Precise Mode	± 1.5 dB	
VSWR:	2:1, all Phases	
Output Impedance:	50 Ohm	
Peak Power Units:	dBm & dBuV	
Display :	4 Digit 7 Segment LED	
Operating Temperature:	0 °C to 50 °C	
Battery Operation :	8 Hour for single charge	
Connector:	SMA Female	
Power Consumption:	0.3 Watt (Max.)	
Mechanical Specifications:		
Dimension(mm) :	(A) = 138.2 (H) = 115 (S) = 66.4	
Shape:	Hexagonal shape	
Weight:	300gm	



Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-9829132777; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com

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