



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## RF EMF Strength Meter



**High Frequency measurement for EMF**  
Monitor high frequency radiation in the 50MHz to 3.5GHz frequency range

### Features:

- For electromagnetic field strength measurement including mobile phones, cell phones, base stations, and microwave leakage
- Measurement optimized for 900MHz, 1800MHz and 2.7GHz
- Non-directional (isotropic) measurement with three-channel (triaxial) measurement probe
- Max Hold and Average functions
- Manual store/recall up to 99 sets
- Level exceed audible alarm with user selectable threshold
- Complete with 9V battery and carrying case



### Applications

- RF electromagnetic wave field strength measurements
- Mobil phone base station antenna radiation power density measurement
- Radiation safety level tests
- Locating RF "Hot Spots" in the workplace or at home
- Microwave oven leakage tests
- RF "Electrosmog" detection
- Wireless network (Wi-Fi) RF detection



Specifications	
Sensor Type	Electric Field
Frequency Range	50MHz to 3.5GHz (Measurement optimized for 900MHz, 1800MHz and 2.7GHz)
Units of Measure	mV/m, V/m, μA/m, mA/m, μW/m <sup>2</sup> , mW/m <sup>2</sup> , W/m <sup>2</sup> , μW/cm <sup>2</sup> , mW/cm <sup>2</sup>
Measuring Ranges	20mV/m to 108.0V/m 53μA/m to 286.4mA/m 1μW/m <sup>2</sup> to 30.93W/m <sup>2</sup> 0μW/cm <sup>2</sup> to 3.093mW/cm <sup>2</sup>
Resolution	0.1mV/m, 0.1mA/m, 0.1mW/m <sup>2</sup> , 0.001mW/cm <sup>2</sup>
Audible Alarm	Adjustable threshold with On/Off
Memory	Manual store/recall of 99 sets
Dimensions	9.3 x 2.4 x 2.4" (237 x 60 x 60mm)
Weight	7oz (200g)

### Ordering Information:

480836 .....RF Electromagnetic Field Strength Meter

