



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 Multi-Meter

Features:

- Transmit and Receive modes,
- 4 Selectable Frequencies,
- 315MHz, 433MHz,
- 868MHz, 915MHz
- Long Battery Life
- Small Size
- Simple to use

Applications

- Detect Radio Interference
- Range Testing
- Pre-Installation Performance
- Check Receiver and Transmitter Signals



Description

RF Multi Meter is a versatile handheld test meter checking Radio signal strength or interference in a given area.

The Multi-Meter can both transmit and receive signals making it possible to test an installation location for suitability before installing equipment. The Multi-Meter is very hard wearing, long lasting and simple to use. It has 4 selectable frequencies, changeable at the touch of a button. It also has an auto shut off feature for battery saving.

Ordering Information

Part Number	Description
006	Signal Strength Meter

Operating Instructions

Spot Frequencies used

- 315.00MHz
- 433.92MHz
- 869.50MHz
- 915.00MHz

Functions:

The 006 has two functions

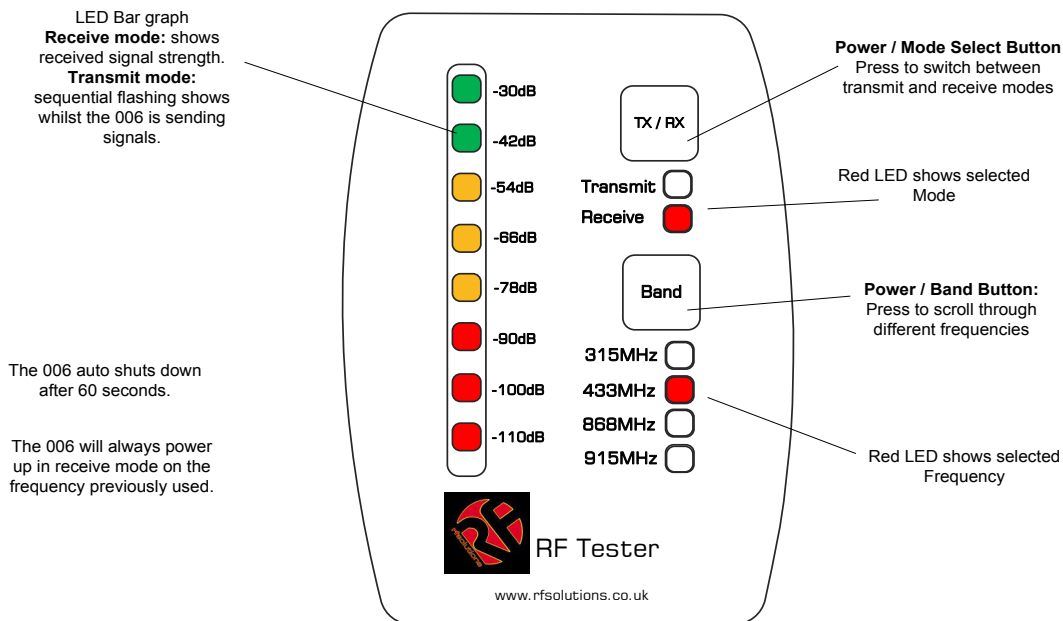
Transmit - The 006 sends out a pulsed transmission which can be received by and module on the frequency selected. Or by another 006 set to the same module.

Transmit power: the 006 transmits at 0dBm

Transmit timing: the 006 sends a 100ms pulse every 1 second

Transmit signal modulation: a 1KHz sine wave is modulated over the transmit signal.

Receive - when set in receive mode the 006 displayed any signals detected in the selected frequency. The receive sensitivity is shown on the front panel (as below)



Antenna

As standard the 006 is fitted with a 433.92MHz antenna, this should be sufficient for most applications, however other antennas are available from RF Solutions website for improved performance on specific frequencies. See www.rfsolutions.co.uk for more details.

Technical Specification

Dimensions: 90 x 54 x 27mm
Antenna: 17.5cm (433.93MHz)

	Min	Typical	Max	Units
Supply voltage	2.2	3	3.3	V
Frequency		315.00		MHz
		433.92		MHz
		869.50		MHz
		915.00		MHz
Bandwidth		1		MHz
Max. RF Input		+20		dBm
RF Sensitivity	See	Sticker	Overlay	dBm
Operating Temperature	0		+50	°C
Storage Temperature	-20		+60	°C

RF Solutions Ltd. Recycling Notice

DO NOT

Discard with normal waste, please recycle.

Meets the following EC Directives:

ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

Waste Batteries and Accumulators Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

Environment Agency producer registration number:
WEE/JB0104WV.

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