

MODEL 3029



RF ONE

WIDE BAND DIRECTIONAL WATT METER

The 3029 Wide Band Directional Watt Meter is a versatile transmitter power analyzer covering all major communication bands from 30MHz to 6000MHz. The 3029 Wide Band Directional Watt Meter will measure forward and reflected power in the range from milliWatts up to 500Watts. For precise calculation of power the operating frequency has to be entered. The 3029 Wide Band Directional Watt Meter will calculate VSWR or Return Loss. The built-in graphic can display pulse and modulation information in an oscilloscope function. There is a built-in SD card memory to hold years of measurement data. The measured and the saved data can be communicated via USB to a PC running an application program. For documentation reference the instrument has a real time clock. Multilayer menus are used to setup and control the operation of parameters. The 3029 Wide Band Directional Watt Meter instrument is small, handy and light weight battery operated with more than 3 hours of continuous operation on the internal NiMh cells. Accessory kit with soft carrying bag, car charger and coax adapters for standard types.

The 3029 Wide Band Directional Watt Meter can:

- Measure Antenna and Cable VSWR or Return Loss
- Measure forward and reflected power
- Used in direct Sunlight by Bright LCD screen
- Having Back light for use in dim areas
- Save Batteries by selectable Auto Power off
- Use time stamp by Real time clock
- Hold and store data onto SD card memory
- Handle file by time and date
- Setup by Menu system
- Show Pulse and Modulation amplitude

How can the Wide Band Directional Watt Meter do it:

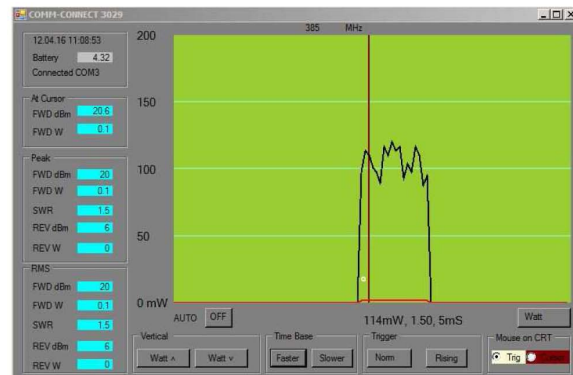
- By Covering 30MHz til 6000MHz
- Stored power versus frequency calibration
- High directivity measuring coupler
- High Dynamic range from 380MHz to 6GHz
- Reduced dynamic range below 380MHz
- Displaying 128x64 pixels
- Using Calibration stored in EEPROM
- USB Serial device interface (B type)
- Running 3 hours continuously on NiMh cells

What is your benefits:

- Fast and cost effective TX Power control
- Hand-held, light weight and rugged design
- Graphic presentation of your installation
- Stored measurements on the internal SD Card

Preliminary Specifications:

Power range: 200µW to 500 Watts
 Frequency range: 380 MHz to 6000MHz
 Reduced sensitivity from 30MHz to 380MHz of 10mW to 500Watts.
 Directivity: >30dB (30MHz to 6000MHz)
 Mainline VSWR: < 1.05:1
 Minimum 24dB dynamic range at 500mW Forward



 **LBA Technology, Inc.**

3400 Tupper Dr. | Greenville, NC 27834 | 252-757-0279 | www.lbagroup.com

TO ORDER NOW –
 Contact Jerry Brown
 jerry.brown@lbagroup.com