t-meter

VSWR•POWER METER

PRAXSYM

PRACTICAL SYSTEMS ENGINEERING

www.vswrmeter.com

2.4 / 5.3 / 5.8 GHz Broadband Wireless Power Meter

Measure

Forward and Reflected power and VSWR in license-exempt 2.4, 5.3 and 5.8 GHz ISM frequency bands

Test and Verify

Transmitter power, connector terminations, antenna performance, and calculate transmission line loss

Cost Effective

Return on investment in a single day's use

Simple on-display menus allow users to interpret measurements quickly and easily

Versatile

Hand-held design ideal for technicians

Unit and accessories included in a durable lightweight tri-fold nylon case

Unit Actual Size

WiFi and WiMAX Ready

Included Accessories

Male to Male Type-N Adapter

50Ω Termination

2W 10 dB Attenuator

Review detailed product specifications on reverse side

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Electrical Specifications

Frequency Range	2.4 - 2.4835 GHz 5.150 - 5.350 GHz *5.4 - 5.7 GHz (See technical FAQ regarding extended range) 5.725 - 5.850 GHz
Forward Power Measurement Range	0 dBm to 20 dBm (no in-line attenuation) 10 dBm to 30 dBm (10 dB inline attenuator) 20 dBm to 40 dBm (20 dB inline attenuator) 30 dBm to 50 dBm (30 dB inline attenuator)
Reflected Power Measurement Range	-20 dBm to 17 dBm (no in-line attenuation) -10 dBm to 27 dBm (10 dB inline attenuator) 0 dBm to 37 dBm (20 dB inline attenuator) 10 dBm to 47 dBm (30 dB inline attenuator)
Power Measurement Accuracy	+/- 0.5 dBm (with a 1.2:1 LOAD)
Insertion Loss	0.4 dBm @ 2.4 GHz, 0.75 dBm @ 5.8 GHz
VSWR Measurement Range	1.2:1 to 6.0:1 (2.4GHz) 1.2:1 to 6:0:1 (5.3GHz) 1.2:1 to 6.0:1 (5.8GHz)

2.7 inches

Environmental Specifications

Temperature Range	-10 to 50 deg C
Humidity	0 to 95% RH non-condensing
Altitude	0 to 15,000 feet

Mechanical Specifications

RF Connectors	Type "N" female (input, output)
Display	2 lines by 8 characters, LCD – not illuminated
Keypad	Five keys
Enclosure	Black ABS
Power Source	2 AA alkaline batteries (Power saving auto shut-off)
Size	4.9 x 2.7 inches (excluding N connectors)
Weight	10 ounces

4.9
inches

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