

Broadcast RF Power Monitor



Digital RF Power Meter

RMS, Average and Peak Sync modes

VHF Band I, II and III, UHF Band IV and V

Frequency compensated for use with Directional Coupler

Optional VSWR Calculator

Optional Alarms on Forward power, Reflected power and VSWR.

Optional controller for external temperature, voltage, and current Monitoring and limit checking

Optional RS232 Interface



SPECIFICATIONS

For Broadcast Power Monitor with external coupler

Model No.:	3014
Frequency range: (Coupler dependent)	50 – 860 MHz
Coupling Flatness , from 6dB/octave Probes 3015,3016	±0,2dB
Absolute accuracy after offset adjustment:	±0,2dB (±4%)
True RMS Power range:	-34dBm to +10dBm
Peak Power range:	+24dBm
Dynamic range:	>50dB
Power readout: Auto range 1KW – 999KW	1024 steps
Coupler attenuation VHF @ 100MHz:	43dB to 73dB
Coupler attenuation UHF @ 500MHz:	50dB to 80dB
VSWR readout:	1,00:1 – 9,99:1
Remote Temperature Sensing	0 - 99°C
Remote Voltage Sensing	0 – 100V DC
Remote Current Sensing	0 – 3V DC (1024 bits)
Relay Out/Digital Out:	Open Collector 50V/0,5A
Controller out for SNMP or dialup	RS232 1200- 9600 Bps
Power Supply: -AC power:	90-264V @50 - 60 Hz
Max power consumption: -AC	10V/A
EMI/RFI	EN55022 /B
Connectors: Options: - - RF sensors - Power AC in rear - Analogue/digital - RS232	DB9 Female IEC DB9 Female DB9 Male
Dimensions: 19" unit - Width: - Depth: - Height:	482.5 mm 180 mm 44 mm
Dimensions: Stand alone unit - Width: - Depth: - Height:	216 mm 180 mm 53 mm
Weight:	Approx. 1,8 kg
Temperature: - Operating - Storage	5 to 50°C -20 to 80°C
Colour: - Standard	Silver Anodised

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Comm-connect reserve the rights to amend prices and specifications without prior notice.

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