

RF One Wideband Directional Power Meter

Type 3029



modern engineering & design

Edition 02/2019

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rfe-global
radio frequency equipment

Typical Application Areas:

- for analog and digital carriers
- VSWR or return loss measurement of antennas and cables
- measurement of forward and reverse power

Characteristics:

- versatile transmitter power analyzer covering all major communication bands from 30 MHz to 6000 MHz
- measures forward and reflected power in the range from milliwatts up to 500 watts
- precise calculation of the power the operating frequency has to enter
- calculation of VSWR or return loss
- screen displays pulse and modulation information in an oscilloscope function
- SD card memory to hold years of measurement data
- measured and saved data can be communicated via USB to a PC with application software
- real time clock for a precise documentation
- bright LCD screen which can even be used in the direct sunlight
- multilayer menus can be used to setup and control the operation of parameters
- illuminated display
- remote control
- accessory kit with soft carrying bag, car charger and coax adapter for standard types available

Your Benefits:

- manual and automatic scale setting
- graphical and numerical display of measurement results
- quick and inexpensive solution
- fast RF power measurements
- rugged design
- handy, lightweight and easy to use
- auto power off for saving battery
- build in memory for saving thousands of measurement results
- documentation of antenna performances
- USB serial device (B type)

Preliminary Technical Specifications:

Frequency range:	30 MHz to 6000 MHz
Directivity:	> 30 dB (30 MHz to 6000 MHz)
Dynamic range (min.):	24 dB @ 500 mW forward power
Mainline VSWR:	< 1.05:1
VSWR range:	1:1 – 9:1
Power range:	10 mW to 500 W reduced sensitivity (50 mW to 500 W): 30 MHz to 380 MHz
Resolution:	1 mW
Impedance:	50 Ω
Connectors:	2 x "N" Female
Display resolution:	128 x 64 pixel
Calibration storage:	EEPROM
Operation time:	approx. 3 hours
Operation temperature:	0 °C to +50 °C
Dimensions:	165 x 82 x 31 mm (L x W x H)
Weight:	< 800 g (incl. Batteries)
Power supply:	4 rechargeable NiMH AA batteries (included)



The manufacturer reserves the right to implement technical changes.

Manufacturer:



COMM-Connect A/S
Raasigvangen 2
3550 Slangerup
Denmark

Distribution by:

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