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RPS-6-83 is RMS type power sensor in ultra compact solid enclosure. Wideband RPS-6-83 works in wide frequency range 2MHz up to 6GHz.

GENERAL DESCRIPTION

RPS-6-83 is designed for power measurements in wide frequency range. RPS-6-83 is three path RMS type power sensor. The device has internal temperature compensation. The sensor has to be connected via USB to laptop or tablet PC. Software is available for both operating systems Windows and Android. Very low power consumption allows to use +5V available from USB.



KEY FEATURES

- Measurements of RF power
- Wideband
- Ultra compact
- Good dynamics
- USB - *free software included*

APPLICATION AREAS

- VHF/UHF
- FM/CATV
- GPS
- LTE
- WLAN/Wi-Fi

TECHNICAL SPECIFICATIONS

Parameter	Specification	Unit
Frequency range	2-6000	MHz
Input return loss	@1GHz 30 @5GHz 20	dB dB
Sensor maximum input level	+23	dBm
Sensor minimum input level (noise floor)	-60	dBm
Accuracy	±0.1	dB
RF power sensor type	RMS	-
Power consumption	30mA (at 5V from USB)	-
RF connector	N-type or SMA	-
Dimensions (with N-connector)	105x35x25	mm
Digital Interface	USB type "mini"	-

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