

USB POWER SENSOR

1 MHz to 6 GHz

50 Ω Wide Dynamic Range



PWR-6G+
PWR-SEN-6G+ Power Sensor Head
USB-CBL+ Data Cable with USB Type-A plug connector
NF-SM50+ N-Type Female to SMA-Male Adapter
PWR-6GCD Installation CD

USB Power Sensor plus Accessories

MODEL PREFIX	FREQ. (MHz)	VSWR (:1)		LINEARITY (dB) @ 25 °C	AVERAGING RANGE		MEASUREMENT SPEED (mSec)	UNCERTAINTY OF POWER MEASUREMENT (dB)					
								@ 25 °C (Typ.)					
		Typ.	Max.	Typ.	Min.	Max.	Typ.	1-3000 MHz		3000-6000 MHz			
PWR-6G	$f_L - f_U$	Typ.	Max.	Typ.	Min.	Max.	Typ.	A	B	C	A	B	C
								@ 0 °C to 50 °C					
	1-6000	1.1	1.3	± 0.10	1	999	200	± 0.10	± 0.15	± 0.20	± 0.15	± 0.15	± 0.20
								± 0.25	± 0.20	± 0.35	± 0.25	± 0.20	± 0.30

Product Features

- 50 dB Dynamic range, -30 to +20 dBm
- Good VSWR, 1.1:1 typ.
- Low cost replacement solution for conventional power meters
- Easy installation and operation
- Turns your laptop into a power meter
- No need for a reference calibrator
- No need for an external power supply
- Temperature compensated
- Fully loaded software for power data analysis
- Averaging of measurements
- Scheduled Data recording
- Multi-Sensor support software

A = @ -30 to +5 dBm

B = @ +5 to +12 dBm

C = @ +12 to +20 dBm

Typical Applications

- Lab Test equipment
- Portable Test capability
- Remote location testing

General Description

Mini-Circuits PWR-6G+ USB Power Sensor has a 50 dB dynamic range and is used with a PC via USB interface. The PWR-6G+ does not require any reference signal calibration. All specifications provided in the data sheet apply to continuous wave (CW) signals. The Mini-Circuits USB Power Sensor comes with Power Meter software that turns the PC into a Power Meter. It also comes with an N-Type female to SMA male adapter for enhanced utility.

Mini-Circuits Power Meter Program for USB Power Sensor

