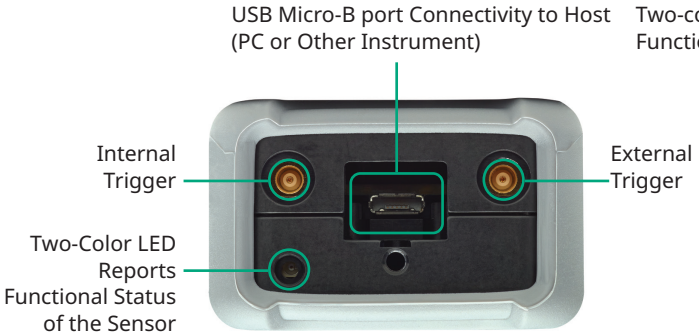
Quick Fact Sheet

USB Power Sensors

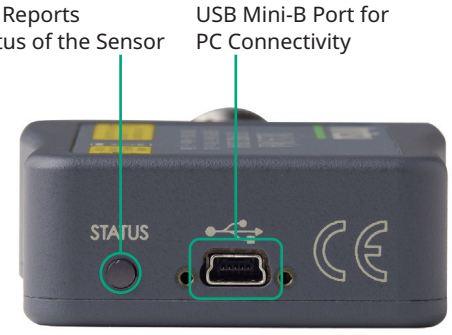
Anritsu
Advancing beyond

Highlights

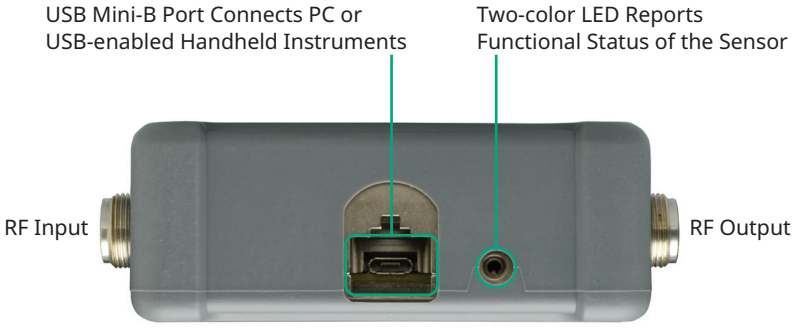
- Power measurement range from 10 MHz to 50 GHz
- True RMS measurements over –60 dBm to +20 dBm dynamic range
- NIST traceable calibration
- Built-in internal and external trigger in microwave USB sensors
- Easy to use with PC or select Anritsu handheld instruments
- No need for a reference calibrator
- Economical alternative to traditional benchtop meters
- Light weight and easy to use
- Silicon protective covering for additional field durability
- Best in class protection from overload, up to +33 dBm



Microwave USB Power Sensors



USB Power Sensors



Inline Peak Power Sensors

*Internal trigger not available on MA241xxA sensors

PowerXpert™ Data Analysis and Control Software

Power sensors can be used with a PC running Microsoft Windows® via USB. The PowerXpert application has numerous features including data logging, power versus time graph, big numerical display, and many more that enable quick and accurate measurements.

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See datasheet for more details

Universal USB Power Sensors (True RMS)

• Measurement speed of >11,000 readings/s* • Damage protection up to +33 dBm avg and +34 dBm peak <10 µs

Model	Description	Power Range
MA24208A	True-RMS, 10 MHz to 8 GHz Universal USB Power Sensor	–60 dBm to +20 dBm
MA24218A	True-RMS, 10 MHz to 18 GHz Universal USB Power Sensor	

Microwave CW USB Power Sensors

• Measurement speed of >5,600 readings/s* • Damage protection up to +26 dBm avg and +30 dBm peak <10 µs

Model	Description	Power Range
MA24330A	CW Avg, 10 MHz to 33 GHz USB Power Sensor	–70 dBm to +20 dBm
MA24340A	CW Avg, 10 MHz to 40 GHz USB Power Sensor	
MA24350A	CW Avg, 10 MHz to 50 GHz USB Power Sensor	

Microwave USB Power Sensor (TRMS)

• Affordable sensors with great performance • Damage protection up to +33 dBm

Model	Description	Power Range
MA24108A	True-RMS, 10 MHz to 8 GHz Microwave USB Power Sensor	–40 dBm to +20 dBm
MA24118A	True-RMS, 10 MHz to 18 GHz Microwave USB Power Sensor	
MA24126A	True-RMS, 10 MHz to 26 GHz Microwave USB Power Sensor	

USB Power Sensor

• Lowest cost USB power sensor solution • Damage protection up to +33 dBm

Model	Description	Power Range
MA24106A	True-RMS, 50 MHz to 6 GHz USB Power Sensor	–40 dBm to +23 dBm

Inline Peak Power Sensor (Forward and Reverse)

• Peak power measurements up to 300 W • Forward and reverse measurement capabilities

Model	Description	Power Range
MA24103A	True-RMS, 25 MHz to 1 GHz Inline Peak Power Sensor	2 mW to 150 W (avg), 300 W (peak)
MA24105A	True-RMS, 350 MHz to 4 GHz Inline Peak Power Sensor	2 mW to 150 W (avg), 300 W (peak)

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