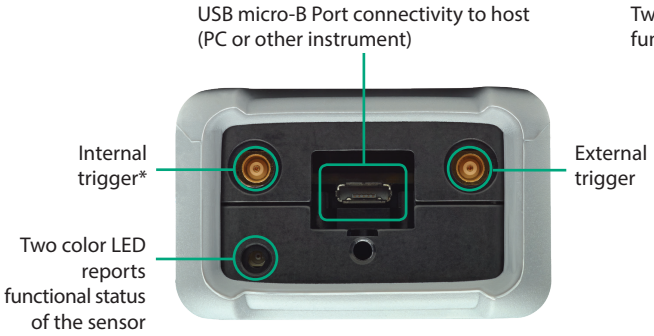
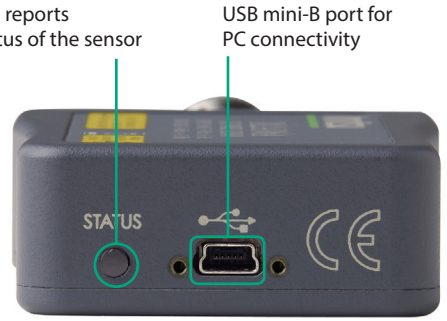
USB Power Sensors

Highlights

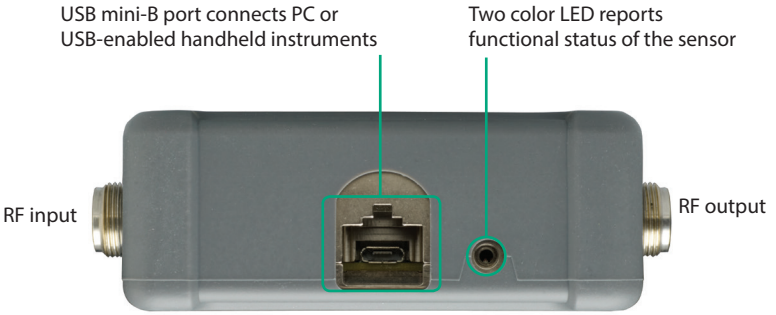
- Power measurements with 10 MHz to 26 GHz frequency
- Measurement range
- True RMS measurements over 63 dB dynamic range
- NIST traceable calibration
- Built-in internal and external trigger in microwave USB sensors
- Easy to use with PC or select Anritsu handhelds
- No need for a reference calibrator
- 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. A front panel display makes the PC appear like a traditional power meter. The PowerXpert application has umerous features, including data logging, power versus time graph, big numerical display, and many more, that enable quick and accurate measurements.

USB Power Sensors

Ordering Information

Universal USB Power Sensors

• Measurement times 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 Sensors

• 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
MA24105A	True-RMS, 350 MHz to 4 GHz Inline Peak Power Sensor	2 mW to 150 W (avg), 300 W (peak)

All USB Power Sensors Include:

- Quick Start Guide
- Basic cables

*See datasheet for more details

11410-00576, Rev. F Printed in United States 2018-03