

Keysight N8480 Series Thermocouple Power Sensors

With best-in-class linearity, industry's widest frequency and dynamic range, and EEPROM capability. Keysight Technologies, Inc. N8480 series sensors are widely used in the wireless communications, electronics manufacturing, aerospace/defense applications, and beyond.

Additional N8488A is now available to meet all your test needs

Keysight's new N8488A with widest frequency coverage: 10 MHz to 67 GHz (usable up to 70 GHz)



Key features

- World's first AC-coupled sensor with widest frequency range (N8488A)
- High accurate results with best-in-class power linearity of less than 1%
- The industry's widest dynamic range in a thermocouple power measurement solution
- Calibrate easily with automatic upload of calibration factors using the built-in EEPROM feature
- Easily replace the 8480 Series sensors with SCPI code compatibility (with option CFT, except for N8488A)
- Get backward compatibility with Keysight EPM Series (new N1913A/14A, E4418B/19B), EPM-P Series (E4416A/17A) and P-Series (N1911A/12A) power meters

Note: N8480 sensors are not compatible with legacy 43x power meters

Key specifications

Frequency range	100 kHz to 67 GHz (usable up to 70 GHz, sensor dependent)
Dynamic range	55 dB (-35 dBm to +44 dBm, sensor dependent)
Power linearity	< 1%

