

KEYSIGHT TECHNOLOGIES (AGILENT HP)

478A

The Keysight / Agilent 478A is a coaxial thermistor mount designed for high-accuracy radio frequency (RF) power measurements. When used in conjunction with Keysight N432A or legacy 432A power meters, it provides temperature-compensated measurements for low drift even in the presence of thermal shocks. It features a frequency range of 10 MHz to 10 GHz and can measure microwave power as low as 1 microwatt.

SPECIFICATIONS

General Specifications

Sensor Technology	Thermistor Mount
Frequency Range	10 MHz to 10 GHz
Power Range	1 μ W to 10 mW
Nominal Impedance	50 Ω
Operating Resistance	200 Ω

Accuracy & Performance

Maximum SWR (10 MHz to 25 MHz)	1.75
Maximum SWR (25 MHz to 7 GHz)	1.30
Maximum SWR (7 GHz to 10 GHz)	1.50

Interfaces & Compatibility

RF Input Connector Type	Type-N (Male)
Compatible Power Meters	Keysight N432A, Agilent / HP 432A

TECHNOLOGY

Thermistor

APPLICATIONS

RF and Microwave Power Measurement

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.