

Description

The MA244XD Series Power Sensors are broadband microwave measurement components. All models are used with the ML2430A Series Power Meters.

Features

- N, K, and V type RF Connectors
- MA244XD Series High Accuracy Power Sensors contain an additional matching circuit to improve return loss performance

High Accuracy Diode Sensors			
Model	MA2442D	MA2444D	MA2445D
Frequency Range	10 MHz - 18 GHz	10 MHz - 40 GHz	10 MHz - 50 GHz
Dynamic Range (dBm)	-67 to +20		
SWR	<1.17; 10-150 MHz (MA2442D only) <1.90; 10-50 MHz <1.17; 50-150 MHz <1.08; 0.15-2 GHz <1.16; 2-12.4 GHz <1.21; 12.4-18 GHz <1.29; 18-32 GHz <1.44; 32-40 GHz <1.50; 40-50 GHz		
Rise Time ¹ (ms)	<0.004		
Sensor Linearity	1.8%, < 18 GHz 2.5%, < 40 GHz 3.5%, < 50 GHz		
RF Connector ²	N(m)	K(m)	V(m)

1. 0.0 dBm, room temperature.

2. Each MA24XXA/D Series sensor incorporates precision RF Connectors with hexagon coupling nut for attachment by industry standard torque wrench.