

## Description

The MA242XD 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
- MA242XD Series Thermal Power Sensors provide measuring speeds to 4 ms rise and fall time in addition to exceptional return loss performance
- 65 GHz sensors can be ordered as specials

Fast Thermal Sensors					
Model	MA2421D	MA2422D	MA2423D	MA2424D	MA2425D
Frequency Range	0.1 MHz - 18 GHz	10 MHz - 18 GHz	10 MHz - 32 GHz	10 MHz - 40 GHz	10 MHz - 50 GHz
Dynamic Range (dBm)	-30 to +20				
SWR	<1.10; 0.1 MHz-2 GHz <1.15; 2-12.4 GHz <1.20; 12.4-18 GHz		<1.90; 10-50 MHz <1.17; 50-150 MHz <1.10; 0.15-2 GHz <1.15; 2-12.4 GHz <1.20; 12.4-18 GHz <1.25; 18-32 GHz <1.30; 32-40 GHz <1.40; 40-50 GHz		
Rise Time <sup>1</sup> (ms)	< 4.0				
Sensor Linearity	1.3%, < 18 GHz 1.5%, < 40 GHz 1.8%, < 50 GHz				
RF Connector <sup>2</sup>	N(m)	N(m)	K(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.