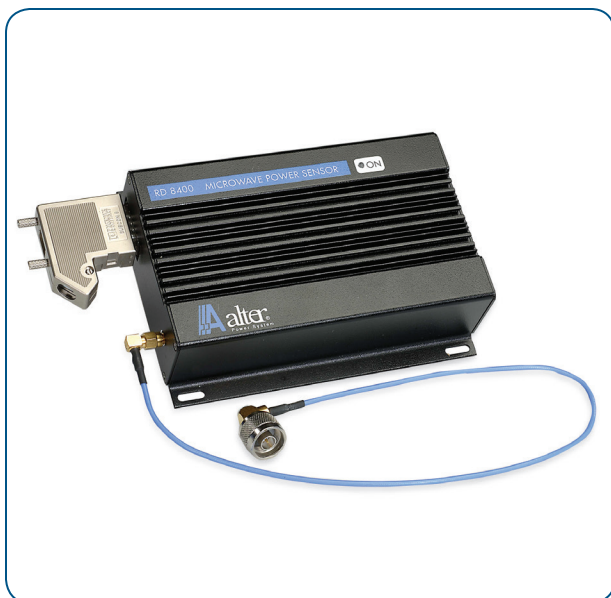




RD 8400

LINEAR POWER SENSOR

The RD 8400 Linear Power Sensor is an additional accessory to the industrial microwave power system. It enables measurement of reflected microwave power, available with single (RD 8400A1) or dual channel (RD 8400A2) reading.

The RD 8400 detects reflected power of microwave generator in continuous power or the peak value of the mean power.

The RD 8400 receives the power signal through a coax cable provided with standard connectors and sends the output signal through a "D" type connector, without using an external diode detector.

Features & Benefits

- Accessory for industrial microwave generator from 2 kW up to 10 kW, 2450 MHz
- Compact and shielded aluminum box
- Direct mount on isolator
- 0 – 10V output signal

Plasma &

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Specifications and Ordering Information

Input Voltage	12 - 24 VDC
Input Signal Range	-30 to +10 dBm
Input Signal Frequency	2450 MHz, ± 50 MHz
Output Signal	0 - 10 VCC
Outputs	1 or 2, not correlated
Different Attenuation Value for Each Channel	Yes
Error at Different Values of Frequency ± 50 MHz	$\pm 1\%$ max
Dimensions	173 x 130 x 45 mm
Weight	0.5 kg
Protection	IP 20
Temperature	5°C to 40°C
Coax Cable	600mm standard, other lengths available

Ordering Information

Please contact your local MKS sales office for price and availability information.



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