

PMA 2142 LASER DETECTORS

SENSORS
INDUSTRIAL LIGHT
MEASUREMENT

Delivery on all products is
Stock to 2 weeks.

Every product is
calibrated to NIST
traceable standards
before shipment.



The PMA 2142 Laser Detectors are available in three full scale power levels of 3 watts(PMA 2142-3), 10 watts(PMA 2142-10), and 30 watts(PMA 2142-30). The PMA 2142-3 and PMA 2142-10 have an active area of 2.57 cm² and the PMA 2142-30 has an active area of 2.84 cm². Display resolution is 1mW for the 3 and 10 watt models; 10mW for the 30 watt model. Each of these detectors includes an instrument base. An 8/32 threaded mounting hole is used to attach the 0.5" shaft which is inserted into the adjustable base. These detectors are manufactured and calibrated by Solar Light Company.

Uses

The PMA2142 series Detectors Measure Continuous Laser Power up to 30 Watts. This continuous laser power detector is a thermal sensor with 5% accuracy of full scale from 250nm to 10.6 μm

Alternate Views



Applications

High Power Laser Diodes

Laboratory Use

Optical Power Meter

Features

Flat spectral response
Response time < 0.5 second

NIST traceable
Uniform Active Area
Dose integration

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