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Coherent® High Power Water-Cooled Thermopile Sensors See More by Coherent®



- Water-Cooling Capability to Withstand Laser Powers up to 5kW
- Spectrally Flat from 0.25 to 11µm
- Large 50mm Aperture for Accepting a Wide Range of Beam Diameters

Common Specifications

General

Calibration Uncertainty (%):	3	Cooling Method:	Water
Compatible Meters:	#35-203 , #12-393 , #59-978 , #88-411 , #66-277 , #88-412 , #23-660 , #23-661	Maximum Incident Energy Density:	600mJ/cm ² (10ns, 1064nm)

Physical & Mechanical Properties

Active Area Diameter (mm):	50
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Optical Properties

Calibration Wavelength (nm):	1070		
Wavelength Range (nm):	250 - 11000	Wavelength Range (μm):	0.25 - 11

Electrical

Power Resolution (W):	1
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Hardware & Interface Connectivity

Computer Interface:	DB-25
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Technical Information

Products

Power Range	Power Resolution (W)	Computer Interface	Wavelength Range (nm)	Active Area Diameter (mm)	Cooling Method	Stock Number	Price	Buy
5W-1kW	1	DB-25	250 - 11000	50	Water	#12-399	₹2,81,700	Contact Us
5W-3kW	1	DB-25	250 - 11000	50	Water	#12-407	₹3,74,850	Contact Us
10W-5kW	1	DB-25	250 - 11000	50	Water	#12-408	₹4,32,000	Contact Us



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