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Coherent® High-Sensitivity Thermopile Sensors See More by [Coherent®](#)



- Broad Spectral Range with High Sensitivity and High Resolution
- Large Active Area Sensors up to 19mm in Diameter
- Flat Broadband Output with No Saturation above 1mW/cm²

Common Specifications

General				
Linearity (%):		±1	Cooling Method:	Air
Response Time (s):		2	Maximum Incident Energy Density:	50mJ/cm ² (10ns, 1064nm)
Optical Properties				
Calibration Wavelength (nm):			514	
Sensor				
Type of Sensor:		Thermopile		
Electrical				
Maximum Incident Power Density (kW/cm ²):			0.5	

Technical Information

Products

Power Range	Power Resolution	Noise Equivalent Power	Wavelength Range (nm)	Active Area Diameter (mm)	Model Number	Stock Number	Price	Buy
500μW - 2W	50μW	-	300 - 11000	19	PM3 Coherent Part Number: 1098336	#12-403	₹1,08,900	10 to 12 days
100μW - 1W	10μW	-	300 - 11000	10	PS10 Coherent Part Number: 1098350	#12-416	₹1,65,600	10 to 12 days
100μW - 1W	-	3μW	300 - 11000	10	PS10 Coherent Part Number: 1174260	#12-411	₹2,16,450	Contact Us
100μW - 1W	10μW	-	300 - 11000	19	PS19 Coherent Part Number: 1098413	#12-417	₹1,71,450	Contact Us
100μW - 1W	-	5μW	300 - 11000	19	PS19 Coherent Part Number: 1174261	#12-412	₹2,16,450	10 to 12 days
100μW - 1W	10μW	-	300 - 2000	19	PS19Q Coherent Part Number: 1098341	#12-418	₹1,93,050	Contact Us
100μW - 1W	-	3μW	300 - 2100	19	PS19Q Coherent Part Number: 1168343	#68-626	₹2,37,600	10 to 12 days



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