

Coherent® Beam Position Thermopile Power Sensors 1168342 | 100mW-25W

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Active Area Diameter (mm):
19

Model Number:
LM-45
Coherent Part Number: 1168342

Type:
Meterless

Type of Sensor:
Quad Element Thermopile

Length of Cable (m):

2.5
Linearity (%): ±1
Computer Interface: USB
Calibration Uncertainty (%): ±2
Calibration Wavelength (nm): 10,600
Long Pulse Joule Mode Range (J): 0.5 - 50
Long Pulse Joule Mode Accuracy (%): ±3
Spectral Compensation Accuracy (%): ±1.5
Cooling Method: Air
Maximum Incident Beam Power (W): 25
Maximum Incident Power Density (kW/cm²): 6
Power Range: 100mW - 25W
Wavelength Range (µm): 0.25 - 10.6
Maximum Incident Energy Density: 600mJ/cm² (10ns, 1064nm)
Minimum Power (mW): 100

Regulatory Compliance

RoHS 2015: Exempt
Reach 224: Contains SVHC(s)
Certificate of Conformance: View