

4.5mW 635nm Elliptical, Premier Laser Diode



Stock **#57-110** ☐ In Stock

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1

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C\$558.60

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Note: This item requires accessories for use | [Learn More](#)

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Operating Current (mA):
≤75

Operating Temperature (°C):
-10 to +45

Operating Voltage (V):
5 DC ±5%

Output Power (mW):
4.5

Pointing Stability after Warm Up (mrad/°C): <0.01
Power Stability (%): <2
Wavelength (nm): 637.00
Laser Class - IEC: 3R
Wavelength Tolerance (nm): ±10
Output Power Tolerance (%): ±5
Power Supply: Power Supply Required and Sold Separately. USA: #59-099 Europe: Not Available Japan: #59-099 Korea: Not Available China: #59-099
Mean Time To Failures MTTF @ 25° (hours): >49,000
Wavelength Stability (nm/°C): 0.25
Modulation Frequency (kHz): DC to 300kHz (at 95% modulation depth to -3dB)
Beam Size at Nearest Focus (µm): <45
Pointing Accuracy (mrad): ≤10 at Factory Set Focus
Electrical Leads/ Pin Connections: red (+V), black (-), yellow (Vcontrol), green/yellow (case)
Note: Includes: Users Manual, Warning Label, Wire Harness, and Focus Key
Beam Diameter (mm): 5.5 x 2.5 at Aperture
Output Type: Free Space
Type of Laser: Diode
Laser Class - CDRH: IIla
Color: Red
Focus Range: 50mm - ∞
Length (mm): 44.00

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View