

Coherent® BioRay™ Laser 1264218 | 640nm, 40mW

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C\$1,519.00

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

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Mount:
Included

Operating Current (mA):
160 max @ 25°C

Operating Temperature (°C):

15 to 40
Output Power (mW): 40
Power Stability (%): <2% (8 hours, ±3°C)
Spatial Mode: TEM ₀₀
Wavelength (nm): 640.00
Weight (g): <70
Mode Quality, M²: <1.5
Wavelength Tolerance (nm): ±6
Power Supply: Power Supply Required and Sold Separately. USA: #86-878 Europe: #86-878 Japan: #86-878 Korea: #86-878 China: #86-878
Storage Temperature (°C): -20 to +60
Pointing Stability (μrad/°C): <10
Modulation Frequency (kHz): Max Analog: 500 Rise Time (10% to 90%): <500 nsec Fall Time (10% to 90%): <500 nsec
Shock Rating: 30 G
ESD Protection: Level 4
Output Beam Angle (mrad): <3
Beam Waist Position at Exit (mm): ±5
RMS Noise: 20 Hz - 20 MHz <0.5% 20 Hz - 20 MHz peak-to-peak: <1%
Heat Dissipation of Laser Head: 5 W Max
Beam Diameter (mm): 2.6 x 1.4
Manufacturer: Coherent®
Output Type: Free Space
Type of Laser: Diode
Beam Divergence (mrad): 0.4 x 0.7
Laser Class - CDRH: IIIb
Color: Red
Input Voltage (V): 5 - 24
Model Number: 1264218
Length (mm): 95.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View