

# 0.5mW 110V Linear, HeNe Laser



Low-Noise Lumentum Helium-Neon Laser with self-contained power supply



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1

C\$1,939.00

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Output Power (mW):  
>0.5

Polarization:  
500:1

Power Stability (%):  
±2.5

Dimensions (inches):  
2.50 x 2.00 x 7.00

|                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spatial Mode:</b><br>>95% TEM <sub>00</sub>                                                                                                                                                                          |
| <b>Wavelength (nm):</b><br>632.80                                                                                                                                                                                       |
| <b>Weight (lbs):</b><br>1.20                                                                                                                                                                                            |
| <b>Beam Diameter Tolerance (%):</b><br>±3                                                                                                                                                                               |
| <b>Power Supply:</b><br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#11-378</a><br>Europe: <a href="#">#35-224</a><br>Japan: Not Available<br>Korea: Not Available<br>China: <a href="#">#11-378</a> |
| <b>Warm-Up Time (minutes):</b><br>10.00                                                                                                                                                                                 |
| <b>Beam Divergence Tolerance (%):</b><br>±3                                                                                                                                                                             |
| <b>RMS Noise:</b><br>30 Hz - 10 MHz 1.0%                                                                                                                                                                                |
| <b>Beam Diameter (mm):</b><br>0.48                                                                                                                                                                                      |
| <b>Manufacturer:</b><br>Lumentum                                                                                                                                                                                        |
| <b>Output Type:</b><br>Free Space                                                                                                                                                                                       |
| <b>Type of Laser:</b><br>HeNe                                                                                                                                                                                           |
| <b>Beam Divergence (mrad):</b><br>1.7                                                                                                                                                                                   |
| <b>Laser Class - CDRH:</b><br>II                                                                                                                                                                                        |
| <b>Color:</b><br>Red                                                                                                                                                                                                    |
| <b>Operating Lifetime (hours):</b><br>12,000                                                                                                                                                                            |
| <b>Input Voltage (V):</b><br>120                                                                                                                                                                                        |
| <b>Model Number:</b><br>1508P-1                                                                                                                                                                                         |
| <b>Longitudinal Mode Spacing, Nominal (MHz):</b><br>1090                                                                                                                                                                |
| <b>Minimum Output Power, TEM<sub>00</sub> (mW):</b><br>0.5                                                                                                                                                              |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Exempt</a>                |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |