

0.5mW 110V Linear, HeNe Laser



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



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- 1 + C\$2,464⁰⁰

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General

Warm-Up Time (minutes):
10.00

Manufacturer:
Lumentum

Type of Laser:
HeNe

Laser Class - CDRH:
II

12,000 **Operating Lifetime (hours):**

1508P-1 **Model Number:**

Physical & Mechanical Properties

2.50 x 2.00 x 7.00 **Dimensions (inches):**

1.20 **Weight (lbs):**

Optical Properties

500:1 **Polarization:**

>95% TEM₀₀ **Spatial Mode:**

632.80 **Wavelength (nm):**

±3 **Beam Diameter Tolerance (%):**

±3 **Beam Divergence Tolerance (%):**

0.48 **Beam Diameter (mm):**

1.7 **Beam Divergence (mrad):**

Red **Color:**

Electrical

>0.5 **Output Power (mW):**

±2.5 **Power Stability (%):**

30 Hz - 10 MHz 1.0% **RMS Noise:**

1090 **Longitudinal Mode Spacing, Nominal (MHz):**

0.5 **Minimum Output Power, TEM₀₀ (mW):**

Hardware & Interface Connectivity

Power Supply:
Power Supply Required and Sold Separately:
USA: [#11-378](#)
Europe: [#35-224](#)
Japan: Not Available
Korea: Not Available
China: [#11-378](#)

Free Space **Output Type:**

120 **Input Voltage (V):**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

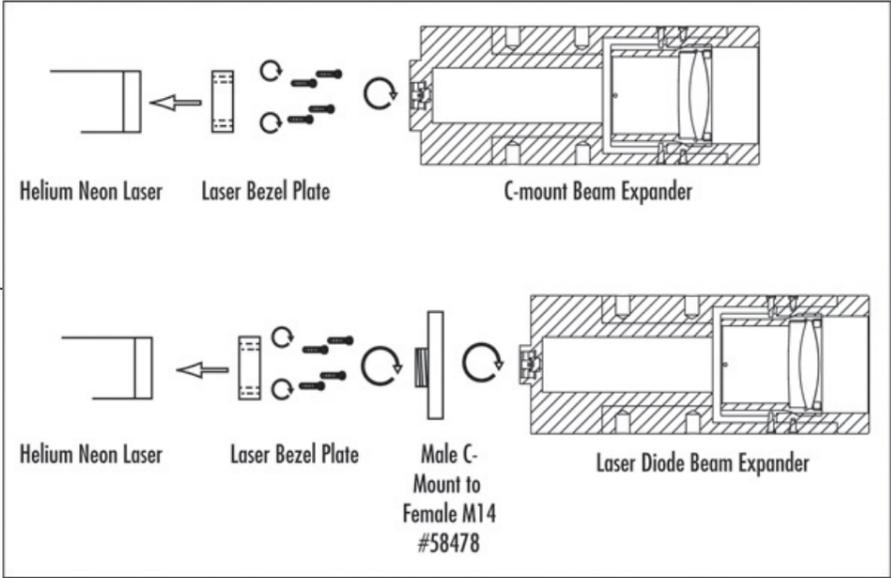
Product Details

- Low Noise
- Self-Contained Power Supply
- Small Size

Lumentum Helium-Neon (HeNe) Lasers feature hard-sealed internal mirrors and small physical sizes. Due to low noise, the lasers offer increased laser reliability, greater design flexibility, and enhanced performance. The base of the laser is slotted for lab table mounting. These Lumentum HeNe Lasers also feature self-contained power supplies for simple system integration. Typical applications include alignment, metrology, and inspection.

Note: Lumentum was previously known as JDSU. These HeNe lasers comply with 21CFR1040 and IEC 825-1:1993.

Technical Information



Beam Expander Mounting Configurations Click on an item below to be brought to that item's product page.

