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0.7mW Linear Polarization, 543nm Green HeNe Laser



Stock #28-073 [CONTACT US](#)

⊖ 1 ⊕ €5.877⁰⁰

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

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General

3R Laser Class - IEC:

HeNe Type of Laser:

IIIa Laser Class - CDRH:

Physical & Mechanical Properties

900.00 Weight (g):

490.00 **Length (mm):**

45 **Diameter of Laser Head (mm):**

402 **Length of Laser Head (mm):**

Optical Properties

≥100:1 **Polarization:**

543.00 **Wavelength (nm):**

0.73 **Beam Diameter (mm):**

Electrical

0.7 **Output Power (mW):**

25Hz- 1MHz <1.5% **RMS Noise:**

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

Hardware & Interface Connectivity

Power Supply:
Power Supply Required and Sold Separately.
USA: #28-080
Europe: #28-080
Japan: Not Available
Korea: Not Available
China: Not Available

Regulatory Compliance

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

Product Details

- 543nm, 594nm, and 633nm Wavelength Options
- Low Noise and High Stability
- Fiber Coupled for Easy System Integration
- Factory Fiber Coupled for Optimal Alignment and Output Power

Lasos Fiber Coupled Helium-Neon (HeNe) Lasers provide the benefits of HeNe lasers, but feature a fiber coupled output for ease of system integration and connection to common optical components such as collimators, interferometers, and modulators. A rugged cylindrical housing and robust mechanical design provides excellent beam quality and long service life up to 30,000 hours. In addition to common red HeNe options, these lasers are available in green and yellow wavelengths, with output powers ranging from 0.7 to 3mW. Lasos Fiber Coupled Helium-Neon (HeNe) Lasers provide a low noise and high stability output when used with the specially designed turn-key power supply. These lasers are ideal for a wide range of applications such as confocal laser scanning microscopy, gas sensing, Fabry-Perot interferometry, and Raman spectroscopy.

Note: Power Supply required for operation and sold separately.