10mW Random Polarization, Lasos HeNe Laser

Stock **#35-211** CONTACT US

⊖ 1 ⊕ **£1,073**⁰⁰

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Volume Pricing	
Qty 1+	**£1,073.00** each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Class - IEC:	
3B	
Type of Laser:	
HeNe	
Laser Class - CDRH:	
IIIb	

Physical & Mechanical Properties

Weight (g):	
650.00	

Static Alignment:

Centered to Outer Cylinder: ≤0.5mm

Parallel to Outer Cylinder: ≤3

Pointing Stability (mrad/°C):

≤0.02

Length (mm):

505.00

Diameter of Laser Head (mm):

45

Length of Laser Head (mm):

505

Optical Properties

Polarization:

Random

Wavelength (nm):

632.80

Beam Diameter (mm):

0.7

Beam Divergence (mrad):

≤1.4

Electrical

Output Power (mW):

10

RMS Noise:

30Hz – 10MHz: ≤0.5%

Longitudinal Mode Spacing, Nominal (MHz):

320.00

Hardware & Interface Connectivity

Power Supply:

Power Supply Required and Sold Separately:

USA: **#35-222**

Europe: **#35-222**

Japan: Not Available

Korea: Not Available

China: Not Available

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- Excellent Stability
- Long Lifetime
- Precise Alignment

Lasos Helium-Neon (HeNe) Lasers have a robust mechanical design, excellent beam quality and long service life of up to 30.000 hours. For ease of system integration Lasos HeNe lasers are designed with tough cylindrical housing that precisely aligns with the beam and provides great protection for the laser tube and internal electronics. Each module requires a specially designed turn-key power supply to provide low noise and high stability output. Lasos Helium-Neon (HeNe) Lasers are ideal for a wide range of demanding applications such as spectroscopy, metrology, industrial measurement or confocal laser scanning microscopy. These lasers are offered in both random and linear polarization, in a variety of milli-watt measurements.

Note: Power Supply required for operation and sold separately. Requires voltage converter for use in regions with 120V.