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0.5mW Linear Polarization, Lasos HeNe Laser



Stock **#35-205** **5 In Stock**

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1

+

£562⁰⁰

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Volume Pricing	
Qty 1+	£562.00 each
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Product Downloads

General	
3R	Laser Class - IEC:
HeNe	Type of Laser:
IIIa	Laser Class - CDRH:
Physical & Mechanical Properties	

Weight (g):		160.00
Static Alignment:		Centered to Outer Cylinder: ≤0.5mm Parallel to Outer Cylinder: ≤5
Pointing Stability (mrad/°C):		≤0.1
Length (mm):		170.00
Diameter of Laser Head (mm):		35
Length of Laser Head (mm):		170
Optical Properties		
Polarization:		≥200:1
Wavelength (nm):		632.80
Beam Diameter (mm):		0.49
Beam Divergence (mrad):		≤1.75
Electrical		
Output Power (mW):		0.5
RMS Noise:		30Hz– 10MHz ≤1%
Longitudinal Mode Spacing, Nominal (MHz):		1086.00
Hardware & Interface Connectivity		
Power Supply:		Power Supply Required and Sold Separately. USA: #35-221 Europe: #35-221 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.