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18mW Random Polarization, Lasos HeNe Laser



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1

+

£1,217⁰⁰

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Volume Pricing	
Qty 1+	£1,217.00 each
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Product Downloads

General	
3B	Laser Class - IEC:
HeNe	Type of Laser:
IIIb	Laser Class - CDRH:
Physical & Mechanical Properties	
930.00	Weight (g):

Static Alignment: Centered to Outer Cylinder: ≤0.5mm Parallel to Outer Cylinder: ≤1	
≤0.05	Pointing Stability (mrad/°C):
637.00	Length (mm):
45	Diameter of Laser Head (mm):
637	Length of Laser Head (mm):
Optical Properties	
Random	Polarization:
632.80	Wavelength (nm):
1.00	Beam Diameter (mm):
≤1.0	Beam Divergence (mrad):
Electrical	
18	Output Power (mW):
30Hz – 10MHz ≤1%	RMS Noise:
257.00	Longitudinal Mode Spacing, Nominal (MHz):
Hardware & Interface Connectivity	
Power Supply: Power Supply Required and Sold Separately. USA: #35-223 Europe: #35-223 Japan: Not Available Korea: Not Available China: Not Available	
Regulatory Compliance	
View	Certificate of Conformance:

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.