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18mW Linear Polarization, Lasos HeNe Laser

Stock **#35-216** **1 In Stock**

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General

Laser Class - IEC:
3B

Type of Laser:
HeNe

Laser Class - CDRH:
IIIb

Physical & Mechanical Properties

Weight (g):
930.00

Static Alignment:
Centered to Outer Cylinder: ≤0.5mm
Parallel to Outer Cylinder: ≤1

Pointing Stability (mrad/°C):
≤0.05

Length (mm):
637.00

Diameter of Laser Head (mm):
45

Length of Laser Head (mm):
637

Optical Properties

Polarization:
≥500:1

Wavelength (nm):
632.80

Beam Diameter (mm):
1.00

Beam Divergence (mrad):
≤1.0

Electrical

Output Power (mW):
18

RMS Noise:
30Hz – 10MHz: ≤1%

Longitudinal Mode Spacing, Nominal (MHz):
257.00

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

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.

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