

Laser module green 520nm, IP67 - line

Product codes:

Reference: AM9157

EAN13: -

UPC: 90132000

Product features:

Light color: Green

Wavelength: 520 nm

Voltage: 5 V DC

Cable length: 100 cm

Connector: 5.5x2.1 mm

Waterproof grade: IP67

Lifetime: 8,000 hours

Beam angle: 110°

Appearance: Line



Product attributes:

Performance: 10 mW, 30 mW, 50 mW, 80 mW, 135 mW

Product description:

Waterproof laser module with a green beam with a wavelength of 520 nm designed for precise line projection. The green light is very visible even in higher ambient light, making it an ideal choice for industrial and outdoor applications. Thanks to the IP67 protection, the module is dust and water resistant and suitable for use in harsh operating conditions. Glass optics allow fine focusing of the line width with subsequent mechanical fixation.

Technical specifications

- Wavelength: 520 nm (green)
 - Beam shape: line
 - Beam angle: 110°
 - Optical power (variants): 10 mW, 30 mW, 50 mW, 80 mW, 135 mW
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- Operating mode: CW (continuous light)
- Current control: APC
- Supply voltage: 5V DC
- Operating current: 500 mA
- Connector type: DC 5.5×2.1mm/5.5×2.5mm
- Cable length: 100 cm
- Housing material: aluminum
- Optics material: glass
- Module dimensions: diameter 20 mm × length 90 mm
- Weight: 65g
- Protection: IP67
- Operating temperature: -10°C to +50°C
- Storage temperature: -40°C to +85°C
- Mean Time to Failure (MTTF): > 8,000 hours

Functions and features

- Waterproof design with IP67 protection
- High visibility green beam 520nm
- Focusable glass optical lens
- Focus lock using the locking ring
- Stable performance thanks to APC/ACC regulation
- Possibility to adjust the width of the projection line
- Robust aluminum housing with effective heat dissipation

Ideal for

- Laser positioning and guidance
- Industrial marking and control systems
- Outdoor applications with high visibility requirements
- Alignment of machines and production lines
- Construction, assembly and geodetic works
- Measurement and calibration systems

Package contents

- Waterproof 520nm laser module

Why choose this product?

- IP67 protection for use in harsh environments
 - Excellent visibility of the green laser even in daylight
 - Accurate and stable line projection
 - Fine mechanical focusing option
 - Long life and professional construction
 - Wide range of performance options
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Product gallery:

