

# Laser module green 520nm, line (set)

## Product codes:

Reference: AM5758

EAN13: -

UPC: 90132000

## Product features:

Light color: Green

Wavelength: 520 nm

Voltage: 12-24 V DC

Cable length: 100 cm

Waterproof grade: IP20

Lifetime: 10,000 hours

Safety class (IEC 60825-1): 4



## Product attributes:

Performance: 80 mW, 135 mW, 200 mW,  
300 mW, 600 mW, 800 mW, 1 W

## Product description:

The green laser module with a wavelength of 520 nm is supplied as a complete set ready for immediate use. Thanks to the very good visibility of the green laser, stable power regulation and active cooling, it is suitable for industrial applications, measuring systems, alignment, marking and laboratory use.

## Technical specifications

- Wavelength: 520 nm (green)
  - Light pattern: line (110°)
  - Available power variants: 80 mW, 135 mW, 300 mW, 600 mW, 800 mW, 1000 mW
  - Operating mode: CW
  - Power Management: APC
  - Operating voltage: 12-24 V DC
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- Housing material: aluminum
- Optics: glass lens
- Laser module dimensions: 40 × 40 × 92 mm
- Cable length: 100 cm
- Connector: DC 5.5 × 2.1mm
- Cooling: active (fan)
- Operating temperature: -10°C to +50°C
- Degree of protection: IP20
- Lifetime (MTTF): more than 10,000 hours

### **Functions and features**

- Highly visible 520 nm green laser suitable even for bright environments
- Stable optical performance thanks to APC regulation
- Continuous operation in CW mode without pulse or Q-switched control
- Active cooling ensures long-term stable operation
- Adjustable focus for point, line or cross
- Robust aluminum housing for industrial use

### **Ideal for**

- Measuring and balancing systems
- Industrial marking and optical signaling
- Laboratory and testing equipment
- Production lines and automation
- Technical and development projects

### **Package contents**

- 520 nm laser module
- Adjustable holder (stand)
- Power adapter

### **Why choose this product?**

- Complete set ready for immediate use
- Very good visibility of the 520 nm green laser
- Stable performance thanks to APC regulation
- Active fan cooling
- Suitable solution for professional and industrial applications

### **Product gallery:**

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