## Line laser, green, 520 nm, 110 °, 20 mW

LH520-20-5(20x90)110-PWL-ADJ
Order Number: 70134735

| Main Parameters (*) | min | typ | max | Unit |
|---|---|---|---|---|
| Wavelength | 515 | 520 | 525 | nm |
| Optical Output Power | 10 | 20 | 30 | mW |
| Operating Voltage | 4.5 | 5 | 5.5 | V DC |
| Operating Current | 200 | 250 | 350 | mA |
| Operating Temperature | -10 | | 40 | °C |
| Storage Temperature | -40 | | 80 | °C |

### Main Data

| | |
|---|---|
| Warranty | 1 years |

### Technical Parameters

| | |
|---|---|
| Lifetime | > 10,000 h |
| RoHS | yes |

### Optical Parameters

| | |
|---|---|
| Beam Shape | Line |
| Laser Class | 2M |
| Divergence | H - 1.0 mrad |
| Fan Angle | 110 ° |
| Line Thickness | adjustable |
| Operating Distance | 6 m |
| Optics | Powell Lens |
| Laser technology | Single Mode Diode |
| Protection Lens | yes |
| Focus | adjustable |

### Electrical Parameters

| | |
|---|---|
| Potential of Housing | isolated |
| Connector | 2.5 mm DC socket (+ pole inner) |

### Mechanical Parameters

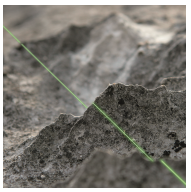
| | |
|---|---|
| Size | Ø20x90 mm |
| Material | aluminium |
| Cable length | 1,000 mm |
| Output Aperture | 5.5 mm |
| Housing Color | black |
| Weight | 70 g |
| Protection Class | IP 54 |

(*) Over the complete operating temperature range

### Features

- Operating Voltage 5 V DC
- Isolated housing
- Laser Class 2M
- Protection lens
- M12 Connector

### Picture



### Saftey Label

### Valid Revision

| 09-MAY-2022

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