

## Line laser, green, 520 nm, 90°, 10 mW

LH520-10-24(20x80)-PL-C3000  
Order Number: 70128826

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		10		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	30	55	110	mA
Operating Temperature	-10		60	°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	1M
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

### Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	3,000 mm
Wire type	22AWG, black, 3,6mm

Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Protection Class	IP51
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24 V DC
- Laser Class 1M
- Uniform line thickness
- High Power
- Small laser head

### Picture



### Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

### Safety Label



### Valid Revision

| 23-FEB-2021