

## Line laser, green, 520 nm, 60°, 4 mW

LI520-4-3(12x47)  
Order Number: 70124651

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	2	4	7.5	mW
Operating Voltage	2.8	3	3.3	V DC
Operating Current	150	200	350	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 1  
Divergence 1 - 1.5 mrad  
Fan Angle 60°  
Line Thickness <4mm@2m  
Operating Distance 2 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus collimated

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size Ø12x47 mm  
Material aluminium  
Cable length 150 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>

Output Aperture	4.5 mm
Housing Color	brass
Weight	9 g
PCB	no
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

### Features



- Low Power consumption
- Direct green 520nm

### Picture



### Cable color

Ground		white	GND
Positive		red	2.8 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

| 23-FEB-2021