

## Line laser, green, 520 nm, 90°, 2 mW

L520-2-3(10x38)-F5000-C127  
Order Number: 70129595

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	1.5	2	2.5	mW
Operating Voltage	3	3	7	V DC
Operating Current	35	50	100	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape Line  
Laser Class 1  
Fan Angle 90°  
Line Thickness 3mm@5m  
Operating Distance 1 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus fixed (5.0m)

### Electrical Parameters

Potential of Housing isolated  
ESD Protection yes

### Mechanical Parameters

Size Ø10x38 mm  
Material aluminium  
Cable length 127 mm

Wire type	26AWG, UL, isolated
Housing Color	black
Weight	5.2 g
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

### Features



### Picture



### Cable color

Ground		black	GND
Positive		red	3 - 7, typ 3 V DC

### Safety Label



### Valid Revision

| 27-APR-2023