

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

LD520-10-6(15x22)  
Order Number: 70129380

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	7	10	15	mW
Operating Voltage	6	6	7.5	V DC
Operating Current		60	100	mA
Operating Temperature	0		60	°C
Storage Temperature	-20		60	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape Line  
Laser Class 1  
Divergence D - 0.5 mrad  
Fan Angle 90°  
Line Thickness <3mm@6  
Operating Distance 6 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Axial Divergence ± 1°  
Focus fixed

### Electrical Parameters

Stripping of cable cover 8 mm

### Mechanical Parameters

Size Ø15x22 mm  
Material aluminium  
Cable length 150 mm

Wire type	28AWG, Typ 1061, UL1061
Output Aperture	4.5 mm
Housing Color	black
Weight	10 g

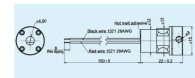
(\*) Over the complete operating temperature range

### Features





- Operating Voltage 6 V DC
- Laser Class 1
- Compact size
- Glas lenses anti reflex coated
- Fixed focus

### Picture



### Cable color

Ground		black	GND
Positive		red	6 - 7.5, typ 6 V DC

### Safety Label



### Valid Revision

| 06-JAN-2025