

## Line laser, green, 520 nm, 100°, 0.2 mW

L520-0.2-5(16x70)100-F1000-AP  
Order Number: 70130577

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	0.1	0.2	0.39	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	40	170	200	mA
Operating Temperature	-10		50	°C
Storage Temperature	-20		50	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape Line  
Laser Class 1  
Divergence C - 0.4 mrad  
Fan Angle 100°  
Line Thickness <2mm@1000mm  
Operating Distance 1 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Axial Divergence ± 1°  
Focus fixed (1000mm)

### Electrical Parameters

Rise Time <0.2 ms  
Potential of Housing isolated  
ESD Protection yes

### Mechanical Parameters

Size Ø16x70 mm  
Material aluminium

Cable length	350 mm
Wire type	Belden, Typ 1007, 26AWG
Housing Color	black
Weight	16.5 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 5 V DC
- Huge fan angle
- Image processing
- 520nm direct green diode
- Axial parallel

### Picture



### Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

### Safety Label



### Valid Revision

| 11-FEB-2019