

## Line laser, red, 650 nm, 60°, 4 mW

LI650-4-5(10x30)60DEG-F300-C250  
Order Number: 70129786

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	32	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1 - 1.5 mrad
Fan Angle	60°
Line Thickness	<0.3mm@0.3m
Operating Distance	0.3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (300mm)

### Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

### Mechanical Parameters

Size	Ø10x30 mm
Material	aluminium
Cable length	250 mm

Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3 mm
Housing Color	black
Weight	3.5g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





- Fixed focus
- Low power consumption
- For medical devices
- Uniform line thickness
- Image processing

### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 30-MAR-2022