

## Line laser, red, 635 nm, 90°, 1 mW

LC635-1-3(6x30)-F150  
Order Number: 70107159

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	32	50	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	C - 0.4 mrad
Fan Angle	90°
Line Thickness	<0.1mm@0.15m
Operating Distance	0.15 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (150mm)

### Electrical Parameters

Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size	Ø6x30 mm
Material	Brass
Cable length	100 mm

Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3.5 mm
Housing Color	black
Weight	4.5g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 3V DC
- Laser Class 1
- Uniform illumination
- Compact size
- Fan angle 90°

### Picture



### Cable color

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

3 | 12-AUG-2021