

## Line laser, red, 650 nm, 90°, 22 mW

LE650-22-3(14x45)  
Order Number: 70101577

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		22		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	80	120	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 2M  
Divergence E - 0.6 mrad  
Fan Angle 90°  
Line Thickness <1.5mm@3m  
Operating Distance 3 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus fixed (3000mm)

### Electrical Parameters

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

### Mechanical Parameters

Size Ø14x45 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 5.5 mm  
Housing Color black  
Weight 20 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

## Features



- Laser Class 2M
- Operating Voltage 3 V DC
- Uniform line thickness
- Fixed focus
- Fan angle 90°

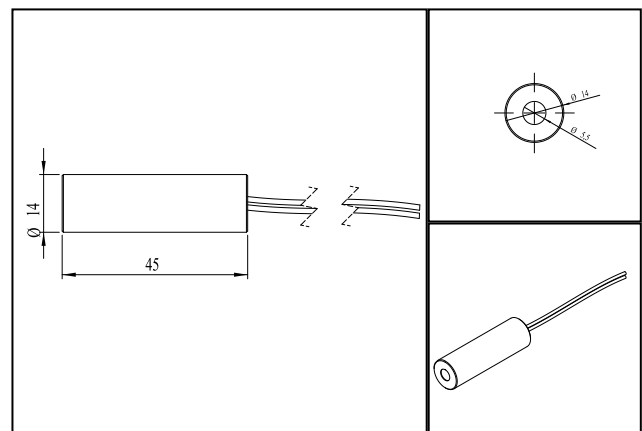
## Picture



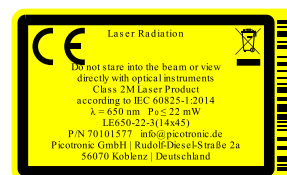
## Cable color

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

## Drawing



## Safety Label



## Valid Revision

0 | 17-DEC-2018