

## Line laser, red, 650 nm, 45°, 5 mW

LC650-5-24-F(14x55)45  
Order Number: 70122084

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	4	15	25	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 45°  
Line Thickness adjustable  
Operating Distance 3 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus adjustable

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size Ø14x55 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 3.5 mm  
Housing Color black  
Weight 18 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

### Features





- Laser Class 1
- Image processing
- Adjustable focus
- Compact size
- Operating Voltage 24 V DC

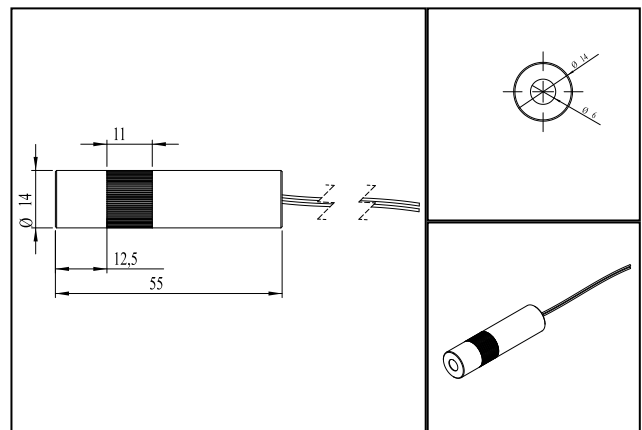
### Picture



### Cable color

Ground		black	GND
Positive		red	21.6 - 26.4, typ 24 V DC

### Drawing



### Safety Label



### Valid Revision

| 27-APR-2023