

## Line laser, red, 635 nm, 90°, 1 mW

LD635-1-24(14x45)-C500  
Order Number: 70116175

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	20	30	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 D - 0.5 mrad  
Fan Angle 90°  
Line Thickness <1mm@1m  
Operating Distance 1 m  
Optics glass lens AR coated  
Laser technology diode  
Focus fixed (1000mm)

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size Ø14x45 mm  
Material aluminium  
Cable length 500 mm  
Wire type 18AWG, black, 3,6mm  
Output Aperture 5.5 mm  
Weight 17 g

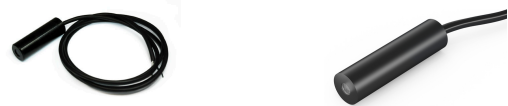
(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 90°
- Compact size
- Uniform line thickness

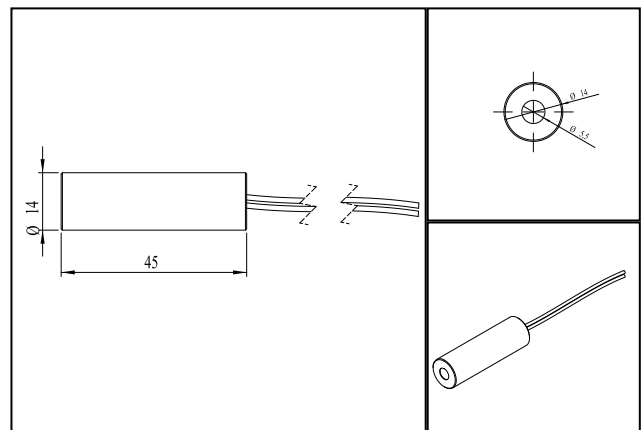
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

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