

## Line laser, red, 635 nm, 90 °, 15 mW

LE635-15-5(14x45)90DEG-F1500  
Order Number: 70122558

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Diode Power		15		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	40	90	130	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	2
Divergence	E - 0.6 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@1.5m
Operating Distance	1.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1500mm)

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5.5 mm
Housing Color	black
Weight	7 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

## Features



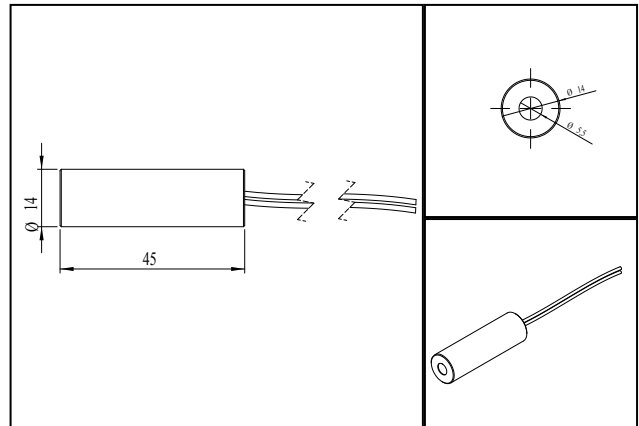
## Picture



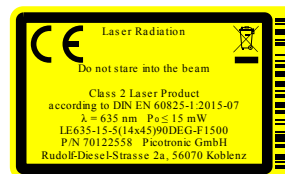
## Cable color

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

## Drawing



## Safety Label



## Valid Revision

| 23-JAN-2020