

## Line laser, red, 635 nm, 50 , 5 mW

LFL635-5-6(9x20)90-F250  
Order Number: 70114058

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	6	6.6	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>3000 h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1mm@0.25m
Operating Distance	0.25 m
Optics	acryl lense
Laser technology	diode
Focus	fixed (250mm)

### Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø9x20 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	6 mm
Weight	6 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range



### Features

- Low cost
- Fixed focus
- Compact size
- Operating Voltage 3-6V DC
- Laser Class 1

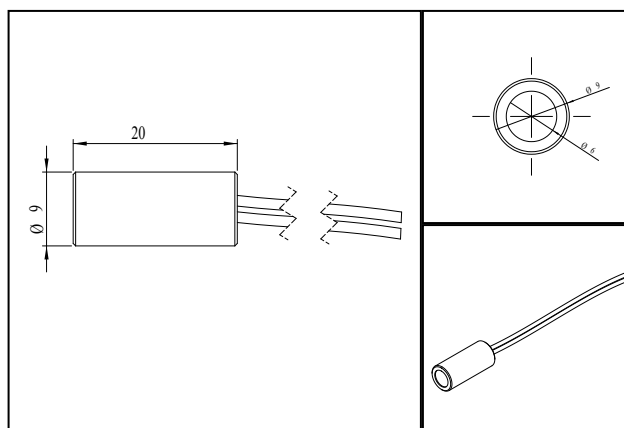
### Picture



### Cable color

Ground		black	GND
Positive		red	3 - 6.6, typ 6 V DC

### Drawing



### safety label



### Valid Revision

REV 3 | 29-OCT-2018

### Laserfuchs is a registered trademark of the Picotronic GmbH

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