

## Line laser, red, 635 nm, 90 °, 1 mW

LD635-1-24(12x50)-C1000  
Order Number: 70124989

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	3	6	15	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	Single Mode Diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	1,000 mm
Wire type	18AWG, black, 3,6mm

Output Aperture	4.5 mm
Housing Color	black
Weight	34 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





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

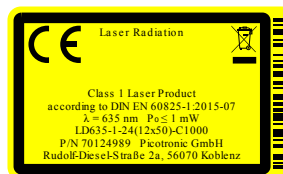
### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 22-APR-2021