

Line laser, red, 635 nm, 90 °, 1 mW

LC635-1-3(6x30)-F150
Order Number: 70107159

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	32	50	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	90 °
Line Thickness	<0.1mm@0.15m
Operating Distance	0.15 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (150mm)

Electrical Parameters

Power Supply LFNT-3

Mechanical Parameters

Size	Ø6x30 mm
Material	Brass
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3.5 mm
Housing Color	black
Weight	4.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 1
- Uniform illumination
- Compact size
- Fan angle 90 °

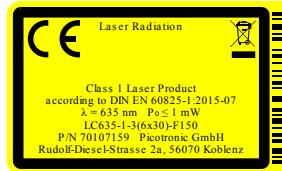
Picture



Cable color

Ground		blue	GND
positive		red	2.7 - 3.3, typ 3 V DC

Safety Label



Valid Revision

3 | 12-AUG-2021