

Line laser, red, 650 nm, 90 °, 1 mW

LC650-1-3(6x30)-F100
Order Number: 70106541

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	25	40	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	C - 0.4 mrad
Fan Angle	90 °
Line Thickness	<0.1mm@0.1m
Operating Distance	0.1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (100mm)

Electrical Parameters

Power Supply LFNT-3

Mechanical Parameters

Size	Ø6x30 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	3.5 mm
Housing Color	black
Weight	4.2 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 1
- Image processing
- For medical devices
- Uniform line thickness

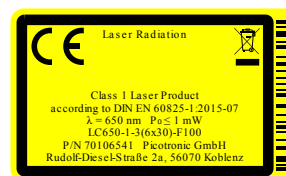
Picture



Cable color

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

Safety Label



Valid Revision

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