

Line laser, red, 650 nm, 90 °, 2.8 mW

LI650-2.8-5(9x22)-PL-C210
Order Number: 70115710

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.8		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	24	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >5000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Fan Angle	90 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size	Ø9x22 mm
Material	aluminium
Cable length	210 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	4.25 mm
Housing Color	black
Weight	4 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 1
- Fan angle 90 °
- Compact size

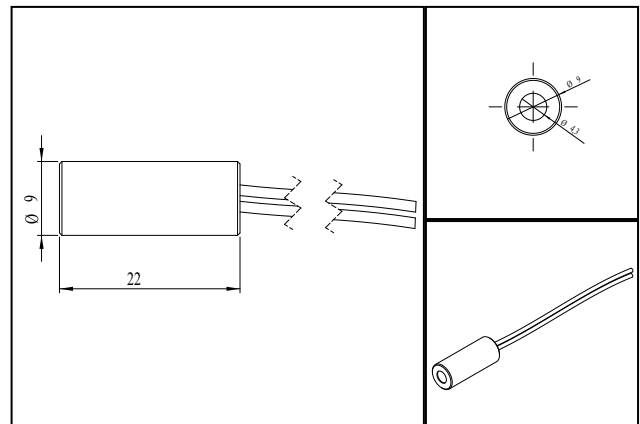
Picture



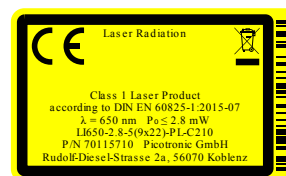
Cable color

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

Drawing



Safety Label



Valid Revision

REV 4 | 11-FEB-2021