

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 > 5,000 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

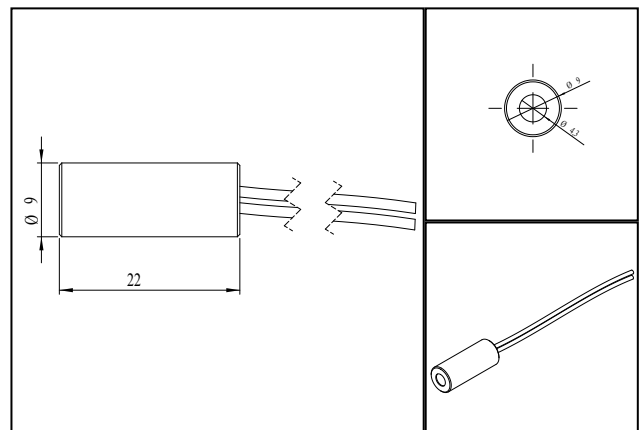
Picture



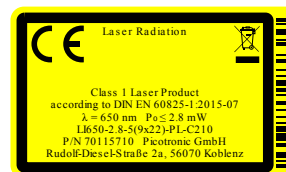
Cable color

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

Drawing



Safety Label



Valid Revision

4 | 26-APR-2023