

Line laser, red, 650 nm, 90°, 2.8 mW

LI650-2.8-5(9x22)-PL-C140
Order Number: 70117806

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
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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
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Mechanical Parameters

Size	Ø9x22 mm
Material	aluminium
Cable length	140 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

Safety Label



Valid Revision

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