

Line laser, red, 650 nm, 90°, 1 mW

L650-1-3(9x26)
Order Number: 70131109

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	0.8	1	2	mW
Operating Voltage	2.5	3	5	V DC
Operating Current	15	30	35	mA
Operating Temperature	15		30	°C
Storage Temperature	-20		60	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.2mm@1m
Operating Distance	1 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.
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Mechanical Parameters

Size	Ø9x26 mm
Material	Brass

Cable length	115 mm
Wire type	26AWG, 0,14mm²
Housing Color	brass
Weight	6 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3-5V DC
- Laser Class 1
- Compact size
- Fixed focus

Picture



Cable color

Ground		black	GND
Positive		red	2.5 - 5, typ 3 V DC

Safety Label



Valid Revision

| 10-MAY-2023