

Line laser, red, 650 nm, 90°, 24 mW

LH650-24-5(12x37)
Order Number: 70101966

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	4.5	5	5	V DC
Operating Current	45	70	120	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	2M
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø12x37 mm
Material	aluminium
Cable length	100 mm

Wire type	Belden, Typ 1007, 26AWG
Output Aperture	7 mm
Housing Color	black
Weight	16.2g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Compact size
- Low power consumption
- Laser Class 2M
- Fixed focus
- Glass lenses AR coated

Picture



Cable color

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

Safety Label



Valid Revision

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