

**Line laser, red, 650 nm, 90 °, 24 mW**

LH650-24-3(14x45)  
Order Number: 70103076

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	55	70	100	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°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	2M
Divergence	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@3m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

**Electrical Parameters**

Potential of Housing	isolated
Power Supply	LFNT-3

**Mechanical Parameters**

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5.5 mm
Housing Color	black
Weight	18.5 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

**Features**



- Operating Voltage 3 V DC
- Glas lenses anti reflex coated
- Image processing
- Laser Class 2M
- High Power

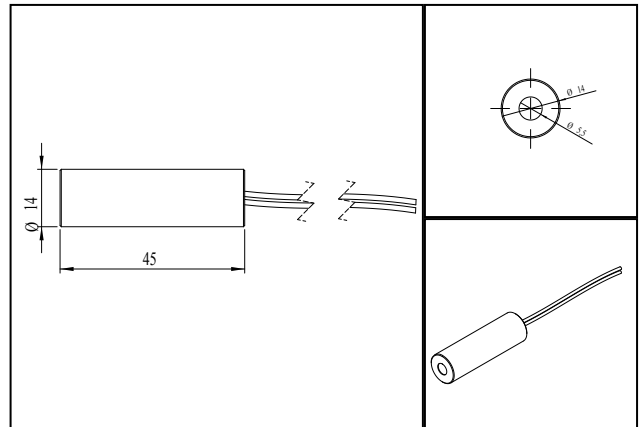
**Picture**



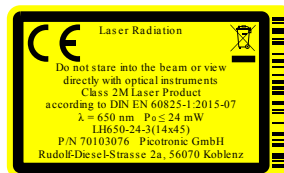
**Cable color**

Ground		black	GND
positive		red	2.7 - 3.3, typ 3 V DC

**Drawing**



**Safety Label**



**Valid Revision**

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