

Line laser, red, 650 nm, 90 °, 22 mW

LE650-22-3(14x45)
Order Number: 70101577

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		22		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	80	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	E - 0.6 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 LFNT-3

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	20 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Laser Class 2M
- Operating Voltage 3 V DC
- Uniform line thickness
- Fixed focus
- Fan angle 90 °

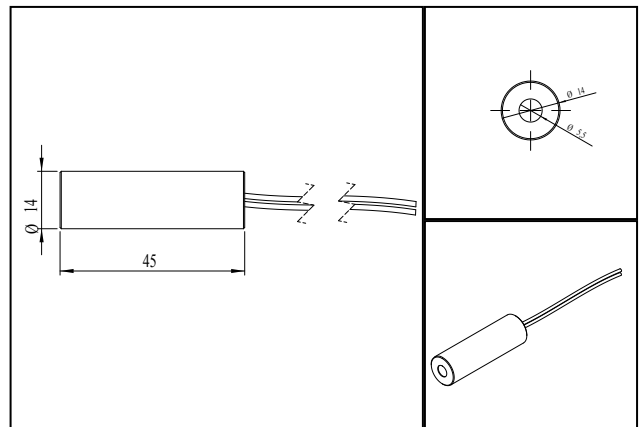
Picture



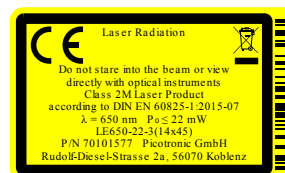
Cable color

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

Drawing



Safety Label



Valid Revision

0 | 17-DEC-2018