

Line laser, red, 650 nm, 90°, 16 mW

LCI650-16-24-F(14x62)-C1500
Order Number: 70115116

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	5	13	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	2
Divergence	C - 0.4 mrad
Fan Angle	90°
Line Thickness	adjustable
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø14x62 mm
Material	aluminium
Cable length	1,500 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	4 mm
Weight	16.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Image processing
- Adjustable focus
- Laser Class 2
- Compact size
- Uniform line thickness

Picture



Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

1 | 26-APR-2023