

Line laser, red, 650 nm, 90°, 5 mW

LDI650-5-24(14x50)-F1000-CON
Order Number: 70126921

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	3	7	25	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	1
Divergence	D - 0.5 mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Mechanical Parameters

Size	Ø14x50 mm
Material	aluminium
Cable length	2,000 mm

Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	60 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 90°
- 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

| 10-DEC-2019