

Line laser, red, 650 nm, 45°, 16 mW

LH650-16-3(14x45)45-PL-C1500
Order Number: 70106077

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current		70		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	H - 1.0 mrad
Fan Angle	45°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø14x45 mm
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Material	aluminium
Cable length	1,500 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Weight	44 g

(*) Over the complete operating temperature range

Features



- High Power
- Protection lens
- Laser Class 2
- Compact size
- Operating Voltage 3 V DC

Picture



Cable color

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

Safety Label



Valid Revision

7 | 11-JAN-2012