

Line laser, red, 658 nm, 45°, 25 mW

LH658-25-3(14x55)45DEG-F300
Order Number: 70147476

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		25		mW
Operating Voltage		3		V DC
Operating Current	50	70	120	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	3R
Divergence	H - 1.0 mrad
Fan Angle	45°
Line Thickness	<0.2mm@0.3m
Operating Distance	0.3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (300mm)

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	Ø14x55 mm
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Material	aluminium
Cable length	100 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(*) Over the complete operating temperature range

Features

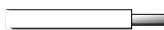


- Laser Class 3R
- Low power consumption
- Uniform line thickness
- Image processing

Picture



Cable color

Ground		black	GND
Positive		white	3 V DC

Safety Label



Valid Revision

| 19-MAR-2021