

Line laser, red, 650 nm, 10°, 15 mW

LH650-15-5(12x28)10DEG
Order Number: 70120158

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		15		mW
Operating Voltage	4.5	5	5.5	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	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	10°
Line Thickness	15mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x28 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²

Output Aperture	5.5 mm
Housing Color	black
Weight	13 g

(*) Over the complete operating temperature range

Features



- Fan angle 10°
- Laser Class 3R
- Fixed focus
- Small laser head
- Broad linewidth

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 27-MAY-2020