

Line laser, red, 660 nm, 60°, 15 mW

LH660-15-7(12x55)60-F200-PWL-TTL
Order Number: 70140972

Main Parameters (*)	min	typ	max	Unit
Wavelength	650	660	665	nm
Optical Output Power	10	15	18	mW
Operating Voltage	5	6	7	V DC
Operating Current	15	20	30	mA
Operating Temperature	-10		40	°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	2M
Divergence	H - 1.0 mrad
Fan Angle	60°
Line Thickness	<40µm@200mm
Operating Distance	0.2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (200mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x55 mm
Material	aluminium
Cable length	150 mm
Wire type	24AWG, black, 3mm

Output Aperture	6 mm
Housing Color	black
Weight	7.3 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3-5V DC
- Laser Class 2M
- Low cost
- Fan angle 60°
- Compact size

Picture



Cable color

Ground		black	GND
Positive		red	5 - 7, typ 6 V DC
Modulation		green	

Safety Label



Valid Revision

| 13-FEB-2023