

Line laser, red, 650 nm, 90°, 5 mW

MLB650-5-5(16x63)
Order Number: 70100662

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	45	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	B - 0.3 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)
Camber	Less then 1mm

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	200 kHz

Power Supply with
stripped/tinned wires, Output:
5V DC, Input: 100-240V AC, 50-
60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø16x63 mm
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Material	aluminium
Cable length	100 mm
Output Aperture	6 mm
Weight	25 g

(*) Over the complete operating temperature range

Features



- Laser Class 1
- Operating Voltage 5 V DC
- Uniform line thickness
- Fixed focus
- Glas lenses anti reflex coated

Picture



Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	200 kHz

Safety Label



Valid Revision

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