

Line laser, red, 650 nm, 90°, 40 mW

MLH650-40-5(16x58)
Order Number: 70102079

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		40		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	50	120	180	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	2M
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	2mm@3m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Max. Mod. Frequency	200 kHz
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Mechanical Parameters

Size	Ø16x58 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG

Output Aperture	6.8 mm
Housing Color	black
Weight	62 g

(*) Over the complete operating temperature range

Features



- High Power
- Compact size
- Modulated
- Laser Class 2M

Picture



Cable color

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

Safety Label



Valid Revision

8 | 16-DEC-2020