

Line laser, red, 650 nm, 90°, 24 mW

MLH650-24-5(16x58)
Order Number: 70101997

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	80	120	250	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

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	<1mm@3m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)
Camber	1mm

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	200 kHz

Mechanical Parameters

Size	Ø16x58 mm
Material	aluminium
Cable length	100 mm

Wire type	26AWG, 0,14mm ²
Output Aperture	7 mm
Housing Color	black
Weight	62g

(*) Over the complete operating temperature range

Features





- High Power
- Modulated

Picture



Cable color

Ground		black	GND
Positive		red	4,5 - 5,5, typ 5 V DC
Modulation		yellow	200 kHz

Safety Label



Valid Revision

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