

Line laser, green, 520 nm, 10 mW

MLE520-10-4.5(15x34)
Order Number: 70126006

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		10		mW
Operating Voltage	3	4.5	6	V DC
Operating Current	100	150	200	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1M
Divergence	E - 0.6 mrad
Line Thickness	<2.5mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	collimated
internal modulation frequency	5 kHz

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø15x34 mm
Material	aluminium
Cable length	150 mm
Wire type	26AWG, 0,14mm²

Output Aperture	3.5 mm
Housing Color	black
Weight	5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 4.5V DC
- Compact size
- Laser Class 1M
- High Power
- Fixed focus

Picture



Cable color

Ground		blue	GND
Positive		red	3 - 6, typ 4.5 V DC

Safety Label



Valid Revision

| 23-JUL-2020