

Line laser, green, 520 nm, 45°, 5 mW

LB520-5-5(10X20)45-PL
Order Number: 70153941

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	4.3	5	5.5	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	90	120	150	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°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	2
Divergence	B - 0.3 mrad
Beam Diameter	4 mm
Fan Angle	45°
Line Thickness	<2mm@2.5m
Operating Distance	2.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (2500mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø10x20 mm
Material	aluminium

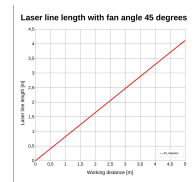
Cable length	200 mm
Wire type	28AWG
Housing Color	black
Weight	50 g

(*) Over the complete operating temperature range

Features



Picture



Cable color

Positive		red	4.5 - 5.5, typ 5 V DC
Ground		black	GND

Safety Label



Valid Revision

| 27-JAN-2022