



Line laser, green, 520 nm, 110°, 15 mW

LH520-15-5(20x90)110-ADJ-CON
Order Number: 70135350

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	9	15	20	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	50	110	150	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°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	2M
Divergence	B - 0.3 mrad
Fan Angle	110°
Line Thickness	adjustable
Operating Distance	6 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø20x90 mm
Material	aluminium

Cable length	1,000 mm
Wire type	24AWG, black, 3mm
Output Aperture	6 mm
Housing Color	black
Weight	63 g
Protection Class	IP 54

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 2M
- Low cost
- Fan angle 110°
- Compact size

Picture



Cable color

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

Safety Label



Valid Revision

| 16-MAR-2022