

Line laser, green, 520 nm, 110°, 20 mW

LH520-20-5(20x90)110-PWL-ADJ
Order Number: 70134735

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	10	20	30	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	200	250	350	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	H - 1.0 mrad
Fan Angle	110°
Line Thickness	adjustable
Operating Distance	6 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)

Mechanical Parameters

Size	Ø20x90 mm
Material	aluminium
Cable length	1,000 mm
Output Aperture	5.5 mm
Housing Color	black
Weight	70 g
Protection Class	IP 54

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Isolated housing
- Laser Class 2M
- Protection lens
- M12 Connector

Picture



Safety Label



Valid Revision

| 09-MAY-2022