

Line laser, green, 520 nm, 110°, 10 mW

LH520-10-24(32x115)110-PWL-M12
Order Number: 70134766

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	7	10	13	mW
Operating Voltage	12	24	26.4	V DC
Operating Current	120	180	250	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	H - 1.0 mrad
Fan Angle	110°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Mechanical Parameters

Size	Ø32x115 mm
Material	aluminium
Output Aperture	5.5 mm
Housing Color	black
Weight	160 g
Protection Class	IP67

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Isolated housing
- Laser Class 2M
- Protection lens
- M12 Connector

Picture



Safety Label



Valid Revision

| 09-MAY-2022