

Line laser, green, 520 nm, 90 °, 5 mW

LH520-5-24(20x80)-F300
Order Number: 70132397

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	30	55	110	mA
Operating Temperature	-10		60	°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	1M
Divergence	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1mm@300mm
Operating Distance	0.3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (300mm)

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	500 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Protection Class	IP 51
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 1M
- Uniform line thickness
- High Power
- Small laser head

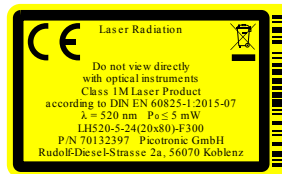
Picture



Cable color

Ground		black	GND
positive		white	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

| 23-JUL-2020