

Line laser, green, 520 nm, 90°, 5 mW

LH520-5-24(20x80)-PL-F300
Order Number: 70132274

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

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	0.3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (300mm)

Electrical Parameters

Potential of Housing isolated
Connector CON_7000-08331-0000000

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Protection Class	IP51

(*) 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

| 22-JUL-2019