

Line laser, green, 520 nm, 90°, 20 mW

LH520-20-24(20x80)-C3000
Order Number: 70128277

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		20		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 >6,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	3,000 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	110g

(*) Over the complete operating temperature range

Features


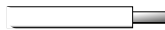


- Operating Voltage 24 V DC
- Laser Class 2
- Uniform line thickness
- High Power
- Small laser head

Picture



Cable color

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

Safety Label



Valid Revision

| 22-JUL-2019