

Line laser, green, 520 nm, 90°, 20 mW

LH520-20-24(20x80)-C3000-CON
Order Number: 70128291

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
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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
Connector	CON-M12

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	110 g

(*) Over the complete operating temperature range

Features

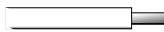


- Operating Voltage 24 V DC
- Laser Class 2
- Uniform line thickness
- High Power
- Small laser head

Picture



Cable color

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

Safety Label



Valid Revision

| 23-JUL-2020