

Line laser, green, 520 nm, 90°, 17 mW

LH520-17-24(20x80)-F3000-PWL-M12
Order Number: 70130508

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	13	17	22	mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	30	50	70	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	2M
Divergence	H - 1.0 mrad
Fan Angle	90°
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	Ø20x80 mm
Material	aluminium
Output Aperture	5.5 mm
Housing Color	black
Weight	52 g
Protection Class	IP 64

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Isolated housing
- Laser Class 2M
- Small laser head
- With powell lens

Picture



Safety Label



Valid Revision

| 09-MAY-2022