

Line laser, green, 520 nm, 45°, 30 mW

LH520-30-24(22x90)45-F4000
Order Number: 70151138

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	25	30	30	mW
Operating Voltage	23.5	24	25.5	V DC
Operating Current	30	50	50	mA
Operating Temperature	-20		50	°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	2M
Divergence	H - 1.0 mrad
Fan Angle	45°
Line Thickness	<1.5mm@4m
Operating Distance	4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (4.0m)

Electrical Parameters

Potential of Housing	isolated
ESD Protection	yes
Max. Mod. Frequency	0.05 kHz

Mechanical Parameters

Size	Ø22x90 mm
Material	aluminium
Cable length	400 mm

Output Aperture	5.5 mm
Housing Color	black
Weight	79 g
Protection Class	IP64
Stripping of wire	5 mm

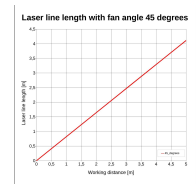
(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Isolated housing
- Laser Class 2M
- Protection lens

Picture



Cable color

Ground		black	GND
Positive		red	23.5 - 25.5, typ 24 V DC
Modulation		yellow	0,05 kHz

Safety Label



Valid Revision

| 16-NOV-2022