

Line laser, green, 520 nm, 90°, 5 mW

LE520-5-24(16x80)90-F1000-C100
Order Number: 70152777

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	3	5	5	mW
Operating Voltage	22.8	24	25.2	V DC
Operating Current	50	100	150	mA
Operating Temperature	-20		70	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes
FDA registration	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle min	80°
Fan Angle	90°
Fan Angle max	100°
Line Thickness	<1.5mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	yes
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	isolated
ESD Protection	yes
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.

Mechanical Parameters

Size	Ø16x80 mm
Material	aluminium
Cable length	100 mm
Wire type	24AWG, black, 3mm
Housing Color	black
Weight	15 g

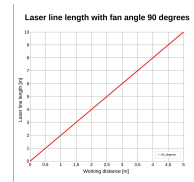
(*) Over the complete operating temperature range

Features



- 90° fan angle
- Laser Class 1
- Operating Voltage 24 V DC
- Fixed focus

Picture



Cable color

Ground		black	GND
Positive		red	22.8 - 25.2, typ 24 V DC

Safety Label



Valid Revision

| 21-AUG-2024