

Line laser, green, 520 nm, 90°, 8 mW

LH520-8-5(11X30)-C2000-USB-C
Order Number: 70160109

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		8		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	80	100	120	mA
Operating Temperature	-10		60	°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	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<2mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Axial Divergence	± 0.3°
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-USB-C

Mechanical Parameters

Size	Ø11x30 mm
Material	aluminium

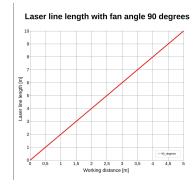
Cable length	2,000 mm
Wire type	26AWG, 0,14mm²
Housing Color	black
Weight	9g

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		white	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 09-OCT-2024