

Cross laser, green, 520 nm, 90°, 5 mW

CA520-5-24(20X80)
Order Number: 70154573

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 8,000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	0.2 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass DOE
Laser technology	Single Mode Diode
Focus	fixed (3000mm)
Verticality	< ± 0.5°

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M8-3POL

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm

Wire type	AWG26, UL, isolated
Output Aperture	5 mm
Housing Color	silver
Weight	62 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 90°
- Uniform line thickness
- Fixed focus

Picture



Cable color

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

Safety Label



Valid Revision

| 04-JUN-2025