



Cross laser, green, 520 nm, 110°, 10 mW

CB520-10-5(20x90)110-ADJ-CON
Order Number: 70135343

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	5	10	15	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	50	110	180	mA
Operating Temperature	-10		40	°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	Cross
Laser Class	1M
Divergence	B - 0.3 mrad
Fan Angle	110°
Operating Distance	6 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)
Power Supply	Power Supply, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max, Connector 2,5x5,5x9,5mm center positive

Mechanical Parameters

Size	Ø20x90 mm
Material	aluminium

Cable length	950 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	6 mm
Housing Color	black
Weight	63 g
Protection Class	IP 54

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 1M
- Low cost
- Fan angle 110°
- Compact size

Picture



Cable color

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

Safety Label



Valid Revision

| 22-AUG-2025