

Cross laser, green, 520 nm, 90°, 10 mW

MCA520-10-5(16X60)90
Order Number: 70189827

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		10		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	200	240	280	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Cross
Laser Class 1M
Fan Angle 90°
Line Thickness <1mm@0.3m
Operating Distance 3m
Optics glass lens AR coated
Focus adjustable

Electrical Parameters

Power Supply Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø16x60 mm
Material aluminium
Cable length 200 mm
Wire type 26AWG, 0,14mm²

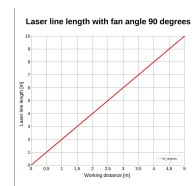
Output Aperture	4 mm
Housing Color	black
Weight	10g

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 05-SEP-2025