



Cross laser, red, 650 nm, 5°, 1 mW

CB650-1-5(12X45)5-ADJ-C400
Order Number: 70153293

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Diode Power	0.5	1	1	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	5	20	40	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	5°
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium

Cable length	400 mm
Wire type	24AWG, black, 3mm
Output Aperture	6 mm
Housing Color	black
Weight	72 g

(*) Over the complete operating temperature range

Features



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

Picture



Cable color

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

Safety Label



Valid Revision

| 25-APR-2024