

Cross laser, red, 635 nm, 60°, 5 mW

CB635-5-12-F(20X73)60DEG-CON
Order Number: 70156850

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage		12		V DC
Operating Current	25	45	65	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	60°
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
Verticality	< ± 0.5°

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC socket (GND inner)
Power Supply	Power Supply, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max, Connector 2,1x5,5x9,5mm center negative

Mechanical Parameters

Size	Ø20x73 mm
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Material	aluminium
Cable length	200 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	7 mm
Housing Color	black
Weight	54 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 12 V DC
- Laser Class 1
- Adjustable focus
- Compact size
- Fan angle 60°

Picture



Cable color

Ground		black	GND
Positive		white	12 V DC

Safety Label



Valid Revision

| 11-JAN-2023