

## Cross laser, red, 635 nm, 60°, 5 mW

CB635-5-3-F(20x73)60DEG  
Order Number: 70110418

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	45	65	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### 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	3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
Verticality	< ±0.5°

### Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size	Ø20x73 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	7 mm
Housing Color	black
Weight	54 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features

- Operating Voltage 3 V DC
- Laser Class 1
- Adjustable focus
- Compact size
- Fan angle 60°

### Picture



### Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

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