

## Cross laser, green, 532 nm, 90°, 10 mW

CA532-10-3(20x80)  
Order Number: 70100310

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	100	220	400	mA
Operating Temperature		15	30	°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	0.2 mrad
Fan Angle	90°
Line Thickness	< 1.5 mm @ 3 m
Operating Distance	5 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	fixed (3000 mm)
Warm up time	< 15 min
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	Ø20x80 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm
Housing Color	black
Weight	57 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features



- Glas lenses anti reflex coated
- Operating Voltage 3V DC
- Laser Class 1
- Uniform line thickness
- Image processing

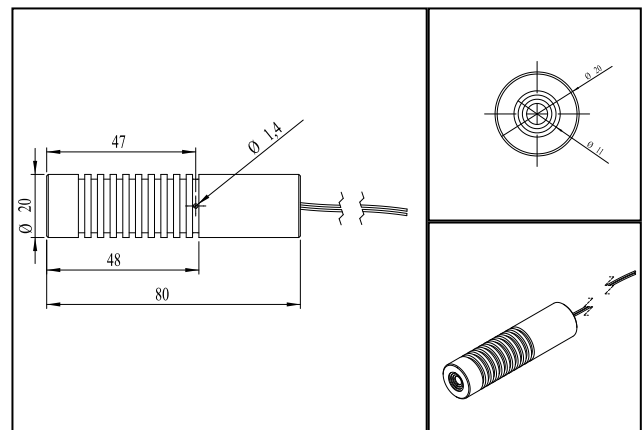
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

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