

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
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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	<1.5mm@3m
Operating Distance	5 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	fixed (3000mm)
Warm up time	< 15 min
Verticality	< ± 0.5 °

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
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 3 V DC
- Laser Class 1
- Uniform line thickness
- Image processing

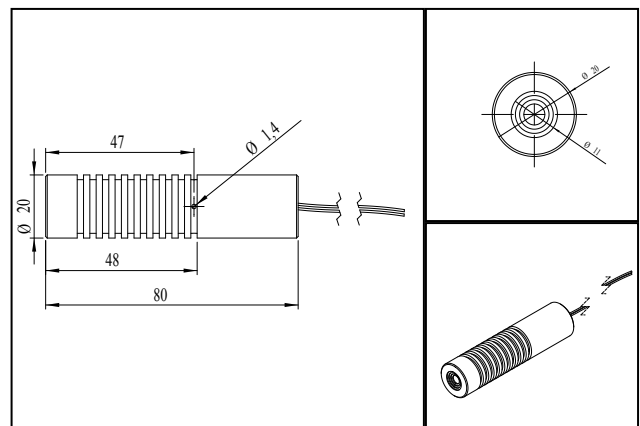
Picture



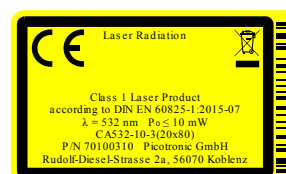
Cable color

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

Drawing



Safety Label



Valid Revision

14 | 17-DEC-2018