

Cross laser, green, 532 nm, 30 °, 10 mW

CA532-10-3(20x80)30
Order Number: 70105193

Main Parameters (*)	min	typ	max	Unit
Wavelength	531	532	533	nm
Optical Output Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	280	350	mA
Operating Temperature	0		45	°C
Storage Temperature	-20		70	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Cross
Laser Class	2M
Divergence	0.2 mrad
Fan Angle min	30 °
Fan Angle	30 °
Fan Angle max	50 °
Line Thickness	<5mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	fixed (5.0m)
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	200 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	4 mm
Weight	60.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Fan angle 30 °
- High Power
- Fixed focus
- Laser Class 2M

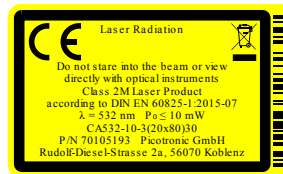
Picture



Cable color

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

Safety Label



Valid Revision

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