

## Dot laser, green, 532 nm, 1 mW

DD532-1-3(12x45)-PRO  
Order Number: 70125702

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	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	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	2.5 mm
Size of Laserdot	4.5mm@3m
Operating Distance	40 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	collimated
Warm up time	< 15 min

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium

Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3 mm
Housing Color	black
Weight	13.5 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features




- Operating Voltage 3V DC
- Fixed focus
- Laser Class 2
- Compact size

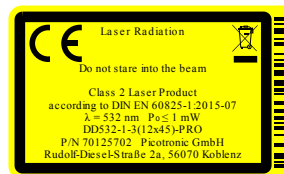
### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 15-APR-2019