

## Doe laser, green, 532 nm, 28.2°, 10 mW

RP-DOE259-532-10-3(16x90)-NT  
Order Number: 70113914

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	150	300	450	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	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	28.2°
Operating Distance	5 m
Optics	acryl lense
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Focus	fixed
Warm up time	< 15 min

### Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
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 Ø16x90 mm

Material	aluminium
Cable length	1,360 mm
Output Aperture	6 mm
Weight	43 g

### DOE

Alpha	28.2°
Beta	2.82°
a	5 mm
b	50.5 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(\*) Over the complete operating temperature range

### Features



- DOE Laser
- Image processing
- Laser Class 2M
- Compact size
- With 230V power supply

### Picture



### Safety Label



### Valid Revision

1 | 05-AUG-2020