

## DOE laser, red, 635 nm, 5 mW

DOE234-635-5-3(16x90)-NT  
Order Number: 70111613

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	60	90	mA
Operating Temperature	-20		50	°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
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	yes
Focus	fixed

### Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	Power Supply, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max, Connector 2,5x5,5x9,5mm center negative

### Mechanical Parameters

Size	Ø16x90 mm
Material	aluminium
Cable length	1,360 mm
Output Aperture	6 mm
Housing Color	cyan

Weight	43g
<b>DOE</b>	
Alpha	33.5°
Beta	33.5°
Gamma	46°
a	60.2 mm
b	60.2 mm
c	85 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
- With 230V power supply
- Glas lenses anti reflex coated
- Fixed focus

### Picture



### Safety Label



### Valid Revision

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