

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

DOE247-DD635-5-24(16x65)  
Order Number: 70138931

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	23.5	24	24.5	V DC
Operating Current	30	50	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape	DOE
Laser Class	1M
Divergence	D - 0.5 mrad
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	adjustable

### Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	20 mm

### Mechanical Parameters

Size	Ø16x65 mm
Material	aluminium
Cable length	300 mm
Wire type	18AWG, black, 3,6mm

Output Aperture	5 mm
Housing Color	black
Weight	30g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features


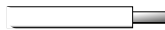


- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated
- Operating Voltage 24 V DC

### Picture



### Cable color

Ground		black	GND
Positive		white	23.5 - 24.5, typ 24 V DC

### Safety Label



### Valid Revision

| 02-SEP-2020