

Doe laser, red, 635 nm, 10 mW

DOE335-635-10-5-F(16X62)
Order Number: 70183146

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		10		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	10	45	80	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø16x62 mm
Material	aluminium
Cable length	300 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	25 g

Stripping of wire	5 mm
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DOE

Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated

Picture



Cable color

Ground		black	GND
Positive		white	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 20-JAN-2025