

Doe laser, red, 635 nm, 5 mW

DOE255-635-5-24-F(16X65)
Order Number: 70160239

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	23.7	24	24.3	V DC
Operating Current	2	5	25	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 1
Divergence D - 0.5 mrad
Operating Distance 2m
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 Ø16x65 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

DOE

Alpha	24.7°
Beta	17.6°
Gamma	0.27°
Delta	17.6°
Diameter (without holder)	8 mm
Width (without Holder)	0.63 mm
Material	PC

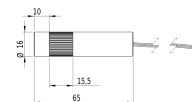
(*) Over the complete operating temperature range

Features



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

Picture



Cable color

Ground		black	GND
Positive		white	23.7 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 05-APR-2024