

Doe laser, red, 635 nm, 4.9°, 5 mW

DOE205-DD635-5-24(16x65)
Order Number: 70132946

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
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes
FDA registration	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	4.9°
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
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.
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	30 g
Stripping of wire	5 mm

DOE

Alpha	4.9°
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) 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

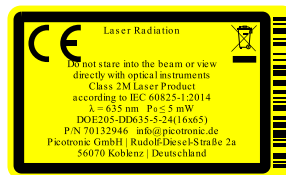
Picture



Cable color

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

Safety Label



Valid Revision

| 10-MAR-2025