

Doe laser, green, 532 nm, 45 °, 5 mW

(*) Over the complete operating temperature range

DOE249-532-5-3(16x90)-NT
Order Number: 70111071

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature	15		30	°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

Divergence D - 0.5 mrad

Fan Angle 45 °

Line Thickness <2mm@3m

Operating Distance 3 m

Optics acryl lense

Laser technology Solid State (YVO4+KTP)

Stability +/- 20% @ 15-30°C

Protection Lens yes

Focus fixed (3000mm)

Warm up time < 15 min

Electrical Parameters

Potential of Housing VDD(+)

Connector 2.5 mm DC plug (GND pole inner)

Power Supply LFNT-3-C

Mechanical Parameters

Size Ø16x90 mm

Material aluminium

Cable length 1,360 mm

Output Aperture 6 mm

Housing Color cyan

Weight 43 g

DOE

Alpha 45 °

a 83 mm

Diameter (without holder) 8 mm

Width (without Holder) 1.2 mm

Material PC

Features

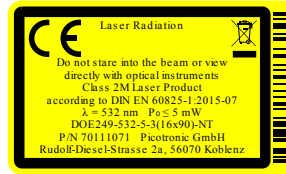


- DOE Laser
- Image processing
- Laser Class 2M
- Compact size

Picture



Safety Label



Valid Revision

13 | 11-JAN-2012