

Doe laser, green, 520 nm, 37 °, 5 mW

DOE257-520-5-3(16x90)-NT
Order Number: 70119220

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		5		mW
Operating Voltage		3		V DC
Operating Current	80	150	200	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 Jahre

Technical Parameters

Lifetime > 6,000 h
RoHS yes

Optical Parameters

Beam Shape DOE
Laser Class 2M
Divergence F - 0.7 mrad
Fan Angle 37 °
Operating Distance 2 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Protection Lens yes
Focus fixed
internal modulation frequency 1 kHz

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 31.5 °
Beta 22.5 °
Gamma 0.45 °
Delta 22.5 °
a 56.4 mm
b 40 mm
c 0.8 mm
d 40 mm

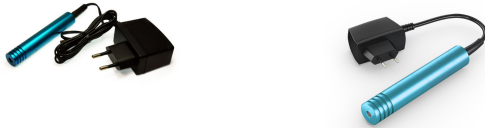
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(*) Over the complete operating temperature range

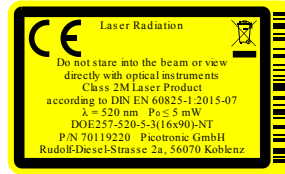
Features



Picture



Safety Label



Valid Revision
