

DoE laser, green, 520nm, 37°, 5mW

DOE261-520-5-3(16x90)-NT

Order Number: 70118759

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

Technical Parameters

Lifetime	>6000h
RoHS	yes

Optical Parameters

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

Electrical Parameters

Potential of Housing	VDD(+)
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	LFNT-3-C

Mechanical Parameters

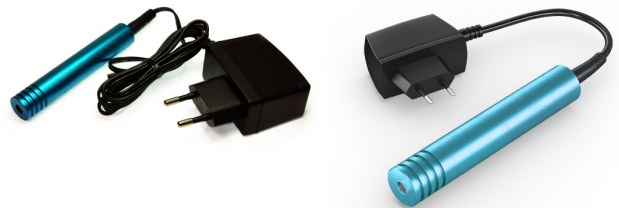
Size	Ø16x90mm
Material	aluminium
Cable length	1360mm
Output Aperture	6mm
Housing Color	cyan
Weight	43g

(*) Over the complete operating temperature range

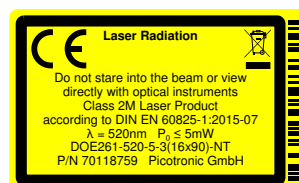
Features



Picture



Safety Label



Revision