

Dot laser, green, 532nm, 1mW

DD532-1-3(12x45)-PRO

Order Number: 70125702

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		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

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5mrad
Beam Diameter	2.5mm
Size of Laserdot	4..5mm@3m
Operating Distance	40m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30 °C
Focus	collimated
Warm up time	<15min

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x45mm
Material	aluminium
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3mm
Housing Color	black
Weight	13.5g
Stripping of wire	5mm

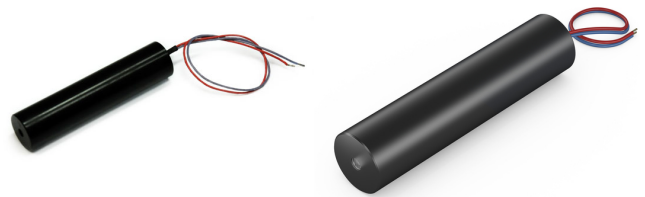
(*) Over the complete operating temperature range

Features





- Operating Voltage 3V DC
- Fixed focus
- Laser Class 2
- Compact size

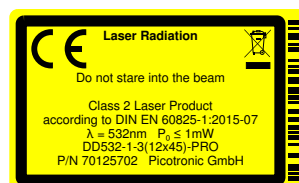
Picture



Cable Colors

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3V DC

Safety Label



Revision

| 15-APR-2019