

## Dot laser, green, 520 nm, 0.4 mW

DC520-0.4-24(12x45)QCW-C10000  
Order Number: 70132212

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		0.4		mW
Operating Voltage	23	24	24.3	V DC
Operating Current	8	10	15	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 6,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	C - 0.4 mrad
Beam Diameter	3 mm
Size of Laserdot	<4mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	collimated
internal modulation frequency	1 kHz

### Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	10,000 mm
Wire type	24AWG, black, 3mm
Output Aperture	3.5 mm
Housing Color	black
Weight	150 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

## Features



- Operating Voltage 24 V DC
- Laser Class 1
- Low power consumption
- Compact size

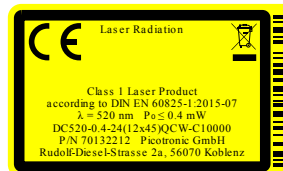
## Picture



## Cable color

Ground		black	GND
positive		white	23 - 24.3, typ 24 V DC

## Safety Label



## Valid Revision

| 22-FEB-2019