

## Line laser, green, 532 nm, 45°, 15 mW

LD532-15-24(20x80)45-PL-C3000  
Order Number: 70114836

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		15		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	30	47	110	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	Line
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	45°
Line Thickness	<1.5mm@3m
Operating Distance	5m
Optics	glass lens AR coated
Beam Mode	TEM00
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	isolated
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium

Cable length	3,000 mm
Wire type	22AWG / black,white
Output Aperture	5 mm
Housing Color	black
Weight	115 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24 V DC
- Laser Class 2M
- Uniform line thickness
- Protection lens
- Image processing

### Picture



### Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

### Safety Label



### Valid Revision

1 | 11-FEB-2021