

Line laser, green, 532 nm, 90°, 5 mW

LD532-5-24(16x80)-F3000
Order Number: 70128550

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	5	30	60	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3
Operating Distance	3 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	fixed
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø16x80 mm
Material	aluminium

Cable length	200 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	50 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 24 V DC
- Laser Class 1
- Compact size
- Glas lenses anti reflex coated
- Fixed focus

Picture



Cable color

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

Safety Label



Valid Revision

| 15-JAN-2020