

Line laser, green, 520 nm, 90 °, 10 mW

LD520-10-24(16x80)-C1000-QCW
Order Number: 70121209

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		10		mW
Operating Voltage	12	24	24	V DC
Operating Current	20	50	75	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	2mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 5% @ -10-45°C
Focus	fixed (5.0m)
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing isolated
Stripping of cable cover 50 mm

Mechanical Parameters

Size	Ø16x80 mm
Material	aluminium
Cable length	1,000 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

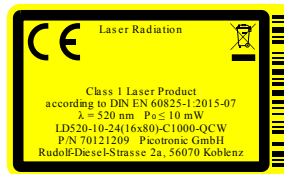
Picture



Cable color

Ground		black	GND
positive		white	12 - 24, typ 24 V DC

Safety Label



Valid Revision

| 11-FEB-2021