

Line laser, green, 532 nm, 90°, 20 mW

LD532-20-24(20x80)-PL-C3000
Order Number: 70120707

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		20		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	30	80	mA
Operating Temperature	10		30	°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	2M
Divergence	D - 0.5 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	5 m
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, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	115 g
Protection Class	IP 64
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		red	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

| 11-FEB-2021