

Line laser, blue, 405 nm, 90°, 10 mW

LD405-10-24(20x80)-F800
Order Number: 70115543

Main Parameters (*)	min	typ	max	Unit
Wavelength		405		nm
Optical Output Power		10		mW
Operating Voltage	20	24	26	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°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	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1mm@0.8m
Operating Distance	0.8m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	no
Focus	fixed (800mm)

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	500 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Weight	63g

(*) Over the complete operating temperature range

Features



- Operating Voltage 24V DC
- Isolated housing
- Laser Class 1
- Small laser head
- Protection lens

Picture



Cable color

Ground		black	GND
Positive		white	20 - 26, typ 24 V DC

Safety Label



Valid Revision

1 | 26-SEP-2022