

Line laser, red, 635 nm, 90°, 25 mW

LD635-25-24(20x80)-C3000-G
Order Number: 70121674

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		25		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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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	<2.5mm@5m
Operating Distance	7 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (5.0m)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	3,000 mm

Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 2M
- Uniform line thickness
- High Power
- Small laser head

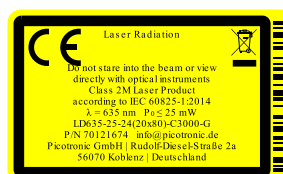
Picture



Cable color

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

Safety Label



Valid Revision

| 01-APR-2022