

Line laser, red, 635 nm, 45°, 5 mW

LE635-5-24(20x80)45-PL-70109900
Order Number: 70109900

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	5	18	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	1
Divergence	E - 0.6 mrad
Fan Angle	45°
Line Thickness	<0.7mm@1.2m
Operating Distance	1.2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (1200mm)

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	1,500 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	76 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

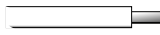


- Operating Voltage 24 V DC
- Uniform line thickness
- Isolated housing
- Laser Class 1
- Protection lens

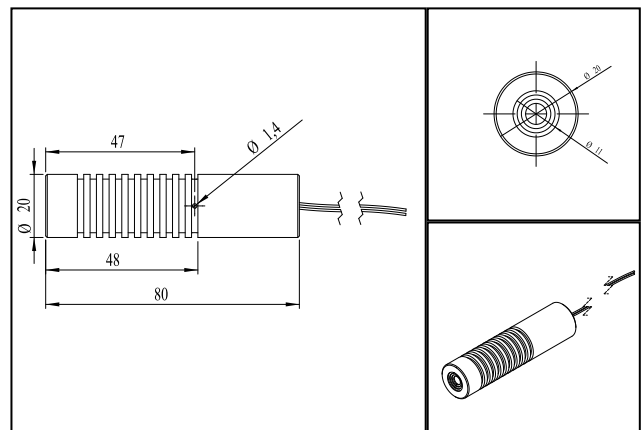
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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