

Line laser, red, 650 nm, 90°, 16 mW

LH650-16-24(20x80)-70115673
Order Number: 70115673

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		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
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2
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
Connector	CON_7000-08331-0000000

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	4.5 mm
Weight	63g

(*) Over the complete operating temperature range

Features

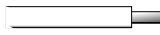


- Betriebsspannung 24 V DC
- Laser Klasse 2
- Gleichmässige Linienbreite
- Kompakter Laserkopf
- Schutzlinse

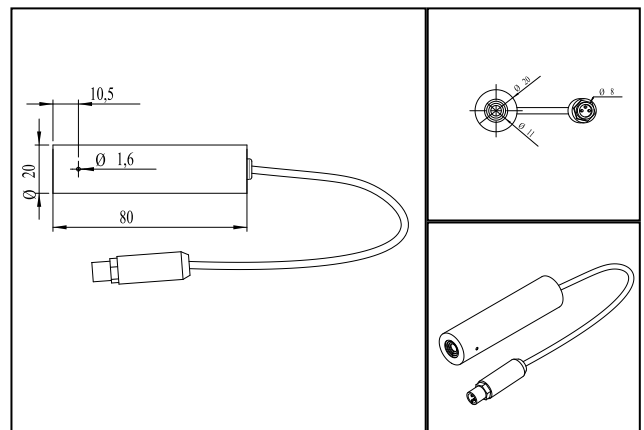
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

1 | 14-APR-2025