

Line laser, red, 650 nm, 90°, 16 mW

LH650-16-24(20x80)-C500
Order Number: 70113884

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	20	24	26	V DC
Operating Current	5	12	25	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	<2mm@1.5m
Operating Distance	1.5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1500mm)

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	500 mm
Wire type	22AWG, black, 3,6mm

Output Aperture	5.5 mm
Housing Color	black
Weight	63 g
Stripping of wire	5 mm

(*) 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 | 14-NOV-2024