

Line laser, red, 650 nm, 90°, 16 mW

LH650-16-24(20x80)-F1300-C1500
Order Number: 70109832

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	20	24	28	V DC
Operating Current	5	30	50	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	<0.7mm@1.3m
Operating Distance	1.3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1300mm)

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	22AWG, black, 3,6mm
Housing Color	black
Weight	55 g
Protection Class	IP64
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- High power
- Glass lenses
- Laser Class 2
- Voltage 24V DC

Picture



Cable color

Ground		black	GND
Positive		white	20 - 28, typ 24 V DC

Safety Label



Valid Revision

1 | 11-AUG-2021