

## Line laser, red, 650 nm, 90 °, 16 mW

LH650-16-24(20x80)-PL-C3000  
Order Number: 70109849

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	3	11	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### 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	<1.5mm@3m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

### Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	3,000 mm
Wire type	22AWG, black, 3,6mm

Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Protection Class	IP 54
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





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

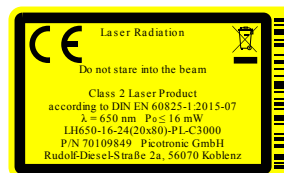
### Picture



### Cable color

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

### Safety Label



### Valid Revision

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