

## Line laser, red, 650 nm, 90°, 20 mW

LH650-20-24(20x80)-M12  
Order Number: 70128642

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		20		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	20	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	2M
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

### Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Power Supply, Output: 24V DC,  
Input: 100-240V AC, 50-60Hz,  
Output Power: 24W max.  
SYS 1308-2424-W2E | 2,1 x 5,5  
x 11 center positive

### Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Output Aperture	5.5 mm
Housing Color	black
Weight	63 g
Protection Class	IP 64

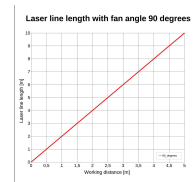
(\*) Over the complete operating temperature range

### Features



- Operating Voltage 24V DC
- Isolated housing
- Laser Class 2M
- Protection lens
- M12 connector

### Picture



### Safety Label



### Valid Revision

| 27-APR-2023