

## Line laser, red, 658 nm, 90°, 50 mW

MLB658-50-24(19x95)-PL-CON  
Order Number: 70126037

Main Parameters (*)	min	typ	max	Unit
Wavelength	653	658	663	nm
Optical Output Power	45	50	55	mW
Operating Voltage	23.3	24	24.6	V DC
Operating Current	30	70	120	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	2M
Divergence	B - 0.3 mrad
Fan Angle	90°
Line Thickness	adjustable
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

### Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	50 kHz
Connector	2.1 mm DC socket (+pole inner)

### Mechanical Parameters

Size	Ø19x95 mm
Material	aluminium
Cable length	500 mm

Wire type	18AWG, black, 3,6mm
Output Aperture	6.8 mm
Housing Color	black
Weight	70g

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 24 V DC
- Laser Class 2M
- Adjustable focus
- High power

### Picture



### Cable color

Ground		black	GND
Positive		red	23.3 - 24.6, typ 24 V DC
Modulation		yellow	50 kHz

### Safety Label



### Valid Revision

| 10-JAN-2020