

## Line laser, red, 650 nm, 30°, 16 mW

MLC650-16-24(15x52)30-DOE  
Order Number: 70135558

Main Parameters (*)	min	typ	max	Unit
Wavelength	640	650	660	nm
Optical Output Power		16		mW
Operating Voltage	22.3	24	25.4	V DC
Operating Current	10	15	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	C - 0.4 mrad
Fan Angle	30°
Line Thickness	<0.1mm@0.12m
Operating Distance	0.12 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (120mm)

### Electrical Parameters

Potential of Housing	isolated
ESD Protection	yes
Max. Mod. Frequency	0.1 kHz
Stripping of cable cover	50 mm

### Mechanical Parameters

Size	Ø15x52 mm
Material	aluminium

Cable length	500 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	3.5 mm
Housing Color	black
Weight	16.5 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range



### Features



### Picture



### Cable color

Ground		black	GND
Positive		red	22.3 - 25.4, typ 24 V DC

### Safety Label



### Valid Revision

| 08-APR-2021