

Line laser, red, 650 nm, 30 °, 15 mW

MLE650-15-24(14x62)30-F200-C700
Order Number: 70141719

Main Parameters (*)	min	typ	max	Unit
Wavelength	640	650	660	nm
Optical Output Power	10	15	20	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 Jahre

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	E - 0.6 mrad
Fan Angle	30 °
Line Thickness	<0.3mm@0.2m
Operating Distance	0.2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Axial Divergence	± 1 °
Focus	fixed (200mm)

Electrical Parameters

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

Mechanical Parameters

Size	Ø14x62 mm
Material	aluminium
Cable length	700 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






- Trigger = 0V -> Laser = 0% and Trigger=5.24V -> Laser = 100%
- Cable length 700mm +/- 20mm
- Depth of focus min. 6mm

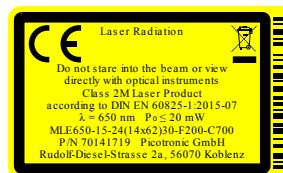
Picture



Cable color

Ground		black	GND
positive		red	22.3 - 25.4, typ 24 V DC
modulation		yellow	0,1 kHz

Safety Label



Valid Revision

| 15-JAN-2020