

Line laser, red, 655 nm, 60°, 30 mW

MLB655-30-5(15x60)60-ADJ
Order Number: 70140415

Main Parameters (*)	min	typ	max	Unit
Wavelength	650	655	660	nm
Optical Output Power	20	30	40	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	50	270	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		85	°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	60°
Line Thickness	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	< 5%
Stability	< 10% @ -10°C + 60°C
Axial Divergence	± 1°
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
ESD Protection	IEC 61000-4-2
Max. Mod. Frequency	10 kHz
Stripping of cable cover	10 mm

Mechanical Parameters

Size Ø15x60 mm

Material	aluminium
Cable length	130 mm
Wire type	26AWG, UL, isolated
Output Aperture	4.2 mm
Housing Color	black
Weight	15 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features






- High Quality
- Imagine Processing

Picture



Cable color

Ground		white	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	10 kHz

Safety Label



Valid Revision

| 02-OCT-2020