

Line laser, red, 650 nm, 30°, 16 mW

MLC650-16-24(15x52)30
Order Number: 70132694

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@0.14m
Operating Distance	0.14 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (140mm)

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

| 20-JUL-2020