

Line laser, red, 650 nm, 120°, 1 mW

L650-1-3(14x14x26)
Order Number: 70129649

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	665	nm
Optical Output Power		1		mW
Operating Voltage	2.6	3	5	V DC
Operating Current	15	35	35	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		70	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Line
Laser Class 2
Fan Angle 120°
Line Thickness 2mm@5m
Operating Distance 5m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus fixed (5.0m)

Electrical Parameters

Potential of Housing isolated
ESD Protection yes

Mechanical Parameters

Size 14x14x26 mm
Material aluminium
Cable length 127 mm

Wire type	26AWG, UL, isolated
Housing Color	black
Weight	11 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range



Features



Picture



Cable color

Ground		black	GND
Positive		red	2.6 - 5, typ 3 V DC

Safety Label



Valid Revision

| 07-DEC-2017