

Line laser, red, 650 nm, 10°, 2.6 mW

LE650-2.6-5(16x32)10DEG
Order Number: 70102734

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.6		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	45	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	1
Divergence	E - 0.6 mrad
Fan Angle	10°
Line Thickness	<2mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing isolated

Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø16x32 mm
Material aluminium

Cable length	700 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	7 mm
Housing Color	black
Weight	21 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Fan angle 10°
- Laser Class 1
- Fixed focus
- Small fan angle

Picture



Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

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