

Dot laser, red, 650 nm, 4.5 mW

DC650-4.5-6(10x27)
Order Number: 70102772

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		4.5		mW
Operating Voltage	5.4	6	6.6	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	C - 0.4 mrad
Size of Laserdot	adjustable
Operating Distance	40 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply 6V DC with 2.1x.5.5mm Connector

Mechanical Parameters

Size	Ø10x27 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm²

Output Aperture	3.5 mm
Housing Color	black
Weight	3.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 6 V DC
- Laser Class 3R
- Adjustable focus
- Compact size
- Glas lenses anti reflex coated

Picture



Cable color

Ground		blue	GND
Positive		red	5.4 - 6.6, typ 6 V DC

Safety Label



Valid Revision

7 | 26-APR-2019