

## Dot laser, red, 650 nm, 2.5 mW

DD650-2.5-12(12x34)  
Order Number: 70119862

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.5		mW
Operating Voltage	11.7	12	12.3	V DC
Operating Current	20	27	40	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	D - 0.5 mrad
Beam Diameter	5 mm
Size of Laserdot	<3mm@5m
Operating Distance	30 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated

### Electrical Parameters

Potential of Housing	isolated
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### Mechanical Parameters

Size	Ø12x34 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>

Output Aperture	5 mm
Housing Color	black
Weight	16 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 12 V DC
- Laser Class 3R
- Glass lenses anti reflex coated
- Fixed focus
- Compact size

### Picture



### Cable color

Ground		black	GND
Positive		red	11.7 - 12.3, typ 12 V DC

### Safety Label



### Valid Revision

| 20-OCT-2016