

## Dot laser, red, 650 nm, 1 mW

DB650-1-3-FA(22x105)-S-AP  
Order Number: 70116861

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	19	40	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	Dot
Laser Class	2
Divergence	B - 0.3 mrad
Beam Diameter	3 mm
Size of Laserdot	<3.5mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Axial Divergence	± 0.25°
Focus	fixed (5.0m)

### Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

### Mechanical Parameters

Size	Ø22x105 mm
Material	aluminium
Output Aperture	3.5 mm
Housing Color	black
Weight	74 g

(\*) Over the complete operating temperature range

### Features



- Axial parallel
- With battery
- Glas lenses anti reflex coated
- Compact size
- Laser Class 2

### Picture



### Safety Label



### Valid Revision

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