

## Dot laser, red, 650 nm, 5 mW

DD650-5-4.5(16x80)-DOE-F-S  
Order Number: 70120493

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	4.05	4.5	4.95	V DC
Operating Current	15	20	30	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	3R
Divergence	D - 0.5 mrad
Beam Diameter	4 mm
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Potential of Housing	isolated
Battery	LR44/AG13 alkaline battery, 1.5V
Battery count	3

### Mechanical Parameters

Size	Ø16x80 mm
Material	aluminium
Output Aperture	4 mm
Housing Color	black
Weight	21 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 4.5V DC
- Laser Class 3R
- Compact size
- With battery
- Glas lenses anti reflex coated

### Picture



### Safety Label



### Valid Revision

| 29-JUL-2022