

Dot laser, red, 650 nm, 1 mW

DI650-1-3(8x30)-C300-AP
Order Number: 70115659

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		1		mW
Operating Voltage		3		V DC
Operating Current	15	25	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	2
Divergence	1 - 1.5 mrad
Beam Diameter	2 mm
Size of Laserdot	<3..5mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Axial Divergence	± 0.1 °
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø8x30 mm
Material	aluminium
Cable length	300 mm
Output Aperture	2 mm
Weight	3 g

(*) Over the complete operating temperature range

Features



- Axial parallel
- Low power consumption
- Compact size
- Laser Class 2
- Operating Voltage 3 V DC

Picture



Cable color

Ground		black	GND
Positive		red	3 V DC

Safety Label



Valid Revision

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