

Dot laser, red, 635 nm, 2.5 mW

DD635-2.5-27(12x50)-AP-FM-IV
Order Number: 70137309

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Output Power	2	2.5	3	mW
Operating Voltage	21	24	27	V DC
Operating Current	10	30	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 25,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Beam Diameter	2.5 mm
Size of Laserdot	<6mm@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	< 1 %
Stability	+/- 3% @ -10-50°C
Axial Divergence	± 0.25°
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	2.5 mm
Housing Color	black
Weight	30 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	21 - 27, typ 24 V DC

Safety Label



Valid Revision

| 29-MAY-2019