

Dot laser, red, 670 nm, 2.5 mW

DB670-2.5-3-FA(14x45)
Order Number: 70120059

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	45	70	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	B - 0.3 mrad
Size of Laserdot	adjustable
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 5% @ -10-45°C
Focus	adjustable

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.
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium

Cable length	2,000 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	35 g
Stripping of wire	5 mm

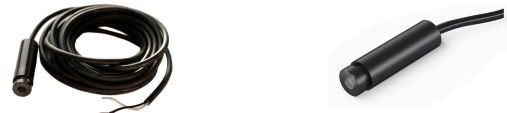
(*) Over the complete operating temperature range

Features



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

Picture



Cable color

Ground		black	GND
Positive		white	2.7 - 3.3, typ 3 V DC

Safety Label



Valid Revision

| 20-OCT-2016