

Cross laser, red, 635 nm, 5°, 2 mW

CB635-2-24(16X64)5DEG-F75
Order Number: 70116557

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2		mW
Operating Voltage		24		V DC
Operating Current	1	5	15	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	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	5°
Line Thickness	<0.3mm@0.075m
Operating Distance	0.075 m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	no
Focus	fixed (75mm)
Verticality	< ± 0.5°

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø16x64 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	6.8 mm
Weight	23.5 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 1
- Fan angle 5°
- Uniform line thickness
- Fixed focus

Picture



Cable color

Ground		black	GND
Positive		red	24 V DC

Safety Label



Valid Revision

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