

Cross laser, red, 635 nm, 5 °, 2 mW

CB635-2-24(16x64)5DEG-F1000
Order Number: 70122183

Main Parameters (*)	min	typ	max	Unit
Wavelength	630	635	640	nm
Optical Output Power	1.5	2	3	mW
Operating Voltage	23.4	24	24.5	V DC
Operating Current	10	20	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	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle min	5 °
Fan Angle	5 °
Fan Angle max	10 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (1000mm)
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	Belden, Typ 1007, 26AWG
Output Aperture	6.8 mm
Housing Color	black
Weight	23.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



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

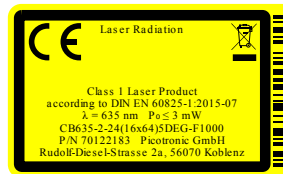
Picture



Cable color

Ground		black	GND
positive		red	23.4 - 24.5, typ 24 V DC

Safety Label



Valid Revision

| 15-SEP-2021