

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

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

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

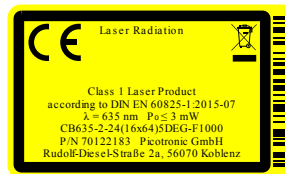
Picture



Cable color

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

Safety Label



Valid Revision

| 11-AUG-2022

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