

Cross laser, red, 635 nm, 90°, 2 mW

CB635-2-24(16x64)-F500-PL-C1000
Order Number: 70137231

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2		mW
Operating Voltage	22.7	24	24.3	V DC
Operating Current	3	37	60	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
----------	---------

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	90°
Line Thickness	<0.3mm@0.5m
Operating Distance	0.5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (500mm)
Verticality	< ± 0.5°

Electrical Parameters

Potential of Housing	isolated
----------------------	----------

Mechanical Parameters

Size	Ø16x64 mm
Material	aluminium
Cable length	1,000 mm

Wire type	26AWG, 0,14mm²
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
- Uniform line thickness
- Fixed focus
- Glas lenses anti reflex coated

Picture



Cable color

Ground		black	GND
Positive		red	22.7 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 03-MAR-2021