

## Cross laser, red, 635 nm, 75 °, 2 mW

CB635-2-24(16x64)75DEG-F500-PL  
Order Number: 70121438

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	10	20	50	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 Jahre

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	75 °
Line Thickness	<0.3mm@0.5m
Operating Distance	0.5 m
Optics	glass lens AR coated
Laser technology	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	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	6.8 mm
Housing Color	black
Weight	23.5 g

(\*) 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

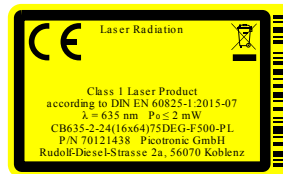
### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 12-AUG-2021