

## Cross laser, blue, 450 nm, 65°, 7.5 mW

C450-7.5-24(15x55)65-F1200-AP  
Order Number: 70130591

Main Parameters (*)	min	typ	max	Unit
Wavelength	440	450	460	nm
Optical Output Power	5.5	7.5	9	mW
Operating Voltage	20	24	28	V DC
Operating Current	15	40	50	mA
Operating Temperature	-20		70	°C
Storage Temperature	-40		85	°C

### Stammdaten

Warranty 1 Jahre

### Technical Parameters

Lifetime >20000 h  
RoHS yes

### Optical Parameters

Beam Shape	Cross
Laser Class	2
Divergence	B - 0.3 mrad
Fan Angle	65°
Line Thickness	<1mm@0.1m
Operating Distance	1.2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	<2 %
Axial Divergence	±0.3°
Focus	fixed (100mm)
Verticality	< ±0.5°
Pointing Stability	<0.0006°

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size	Ø15x55 mm
Material	aluminium
Cable length	150 mm
Wire type	24AWG, black, 3mm
Housing Color	black
Weight	23.5 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features



- High precision cross laser
- Operating Voltage 24 V DC
- Fan angle 65°
- Laser Class 2
- Compact size
- Uniform line thickness

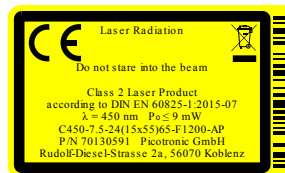
### Picture



### Cable color

Ground		white	GND
positive		red	20 - 28, typ 24 V DC

### safety label



### Valid Revision

| 27-MAY-2019