

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

C450-7.5-24(15x55)65-F1200
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	10	20	30	mA
Operating Temperature	-20		70	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >20,000 h
RoHS yes

Optical Parameters

Beam Shape	Cross
Laser Class	2
Divergence	B - 0.3 mrad
Fan Angle	65°
Line Thickness	<1.5mm@1.2m
Operating Distance	1.2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	<2%
Focus	fixed (1200mm)
Verticality	< ±0.5°
Pointing Stability	<0.01°

Electrical Parameters

Potential of Housing isolated
Connector Molex Receptacle Mini-Fit 2Way

Mechanical Parameters

Size Ø15x55 mm
Material aluminium

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

(*) Over the complete operating temperature range

Features



- High precision cross laser
- Operating Voltage 24V 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

| 01-OCT-2020