

Cross laser, red, 650 nm, 60°, 10 mW

CB650-10-24(20x80)60DEG-C3000-G
Order Number: 70121599

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		10		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	2	10	25	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	2
Divergence	B - 0.3 mrad
Fan Angle	60°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	3,000 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 2
- Uniform line thickness
- High Power
- Small laser head

Picture



Cable color

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

| 03-JUN-2024