

Cross laser, red, 650 nm, 60°, 10 mW

CB650-10-24(20x80)60DEG-G-CON
Order Number: 70126143

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	5	15	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
Connector	2.1 mm DC socket (+pole inner)

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

(*) 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		red	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

| 14-DEC-2018