

Cross laser, red, 650 nm, 45°, 5 mW

MCB650-5-24(16x76)45-PL
Order Number: 70124491

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	23.4	24	24.4	V DC
Operating Current	5	10	20	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	45°
Line Thickness	<3mm@5m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (5.0m)
Verticality	< ±0.5°

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	100 kHz

Mechanical Parameters

Size	Ø16x76 mm
Material	aluminium
Cable length	400 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	7 mm
Housing Color	black
Weight	23 g
Protection Class	IP 54
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features






- Operating Voltage 24 V DC
- Low power consumption
- Modulated 50kHz directly over 3
- 3V DC

Picture



Cable color

Ground		black	GND
Positive		red	23.4 - 24.4, typ 24 V DC
Modulation		yellow	100 kHz

Safety Label



Valid Revision

| 28-MAR-2022