

Dot laser, green, 520 nm, 10 mW

DB520-10-24-FA(20x80)-F22000-M12
Order Number: 70152586

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		10		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	30	55	110	mA
Operating Temperature	-10		60	°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	Dot
Laser Class	3R
Divergence	B - 0.3 mrad
Size of Laserdot	<10mm@22m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (22.0m)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	5,000 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Housing Color	black
Weight	98 g
Protection Class	IP67

(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Laser Class 3R
- 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

| 27-MAY-2021