

Line laser, green, 520 nm, 60°, 10 mW

LB520-10-24(16X55)60-M12
Order Number: 70158656

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power	5	10	10	mW
Operating Voltage	12	24	24	V DC
Operating Current	70	120	150	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1M
Divergence	D - 0.5 mrad
Fan Angle	60°
Line Thickness	<2mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Protection Lens	yes
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Mechanical Parameters

Size	Ø16x55 mm
Material	aluminium
Cable length	1,000 mm

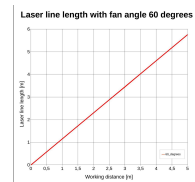
Wire type	18AWG, black, 3,6mm
Housing Color	black
Weight	12 g
Protection Class	IP67

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	12 - 24, typ 24 V DC

Safety Label



Valid Revision

| 04-SEP-2024