

Line laser, blue, 488 nm, 30°, 10 mW

L488-10-5(12.7x60)30-F100
Order Number: 70130553

Main Parameters (*)	min	typ	max	Unit
Wavelength	480	488	495	nm
Optical Output Power	5	10	10	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	60	100	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		85	°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	2M
Divergence	C - 0.4 mrad
Fan Angle	30°
Line Thickness	0.7mm@100mm
Operating Distance	0.1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
ESD Protection	yes

Mechanical Parameters

Size	Ø12.7x60 mm
Material	aluminium
Cable length	300 mm

Wire type	Belden, Typ 1007, 26AWG
Housing Color	black
Weight	16.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Small fan angle
- Image processing
- 488nm bright blue

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 20-JUL-2020