

## Line laser, green, 532 nm, 120°, 1 mW

L532-1-3(13x70)120DEG-F5000  
Order Number: 70129748

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	300	300	mA
Operating Temperature		15	35	°C
Storage Temperature		-40	70	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >3,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	2
Fan Angle	120°
Line Thickness	2.5mm@5m
Operating Distance	5m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 10% @ 15-30°C
Focus	fixed (5.0m)
Warm up time	< 15 min

### Electrical Parameters

Potential of Housing	VDD(+)
ESD Protection	yes

### Mechanical Parameters

Size	Ø13x70 mm
Material	Brass

Cable length	127 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Housing Color	brass
Weight	42 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features



### Picture



### Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

| 29-JAN-2018