

## Line laser, red, 658 nm, 120°, 60 mW

LE658-60-3(16x28)120DEG-F500  
Order Number: 70120127

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		60		mW
Operating Voltage		3		V DC
Operating Current	150	180	250	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	Line
Laser Class	3R
Divergence	E - 0.6 mrad
Fan Angle	120°
Line Thickness	<0.5mm@0.5m
Operating Distance	0.5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (500mm)

### Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size Ø16x28 mm

Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5.5 mm
Housing Color	black
Weight	18 g

(\*) Over the complete operating temperature range

### Features





- Laser Class 3R
- Low power consumption
- Uniform line thickness
- Image processing

### Picture



### Cable color

Ground		black	GND
Positive		red	3 V DC

### Safety Label



### Valid Revision

| 17-JUL-2015