

## Line laser, red, 650 nm, 60 °, 5 mW

LH650-5-5-F(12x45)60  
Order Number: 70148220

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Output Power	2	5	5	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	20	30	mA
Operating Temperature	-20		70	°C
Storage Temperature	-40		85	°C

### Main Data

Warranty 1 Jahre

### Technical Parameters

Lifetime > 8,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	H - 1.0 mrad
Fan Angle	60 °
Line Thickness	adjustable
Operating Distance	1 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Power Supply LFNT-5

### Mechanical Parameters

Size	Ø12x45 mm
Material	aluminium
Cable length	150 mm
Wire type	28AWG, Typ 1571
Output Aperture	6 mm
Housing Color	black
Weight	9.4 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3-6V DC
- Laser Class 2
- Low cost
- Fan angle 60 °
- Compact size

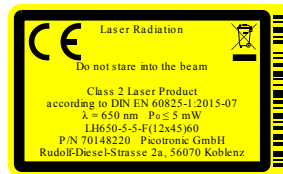
### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 11-AUG-2021