

Line laser, red, 650 nm, 90 °, 1 mW

L650-1-3(9x26)
Order Number: 70131109

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	0.8	1	2	mW
Operating Voltage	2.5	3	5	V DC
Operating Current	15	30	35	mA
Operating Temperature	15		30	°C
Storage Temperature	-20		60	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1.2mm@1m
Operating Distance	1 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø9x26 mm
Material	Brass
Cable length	115 mm
Wire type	26AWG, 0,14mm ²
Housing Color	brass
Weight	6 g

(*) Over the complete operating temperature range

Features




- Operating Voltage 3-5V DC
- Laser Class 1
- Compact size
- Fixed focus

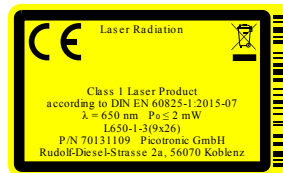
Picture



Cable color

Ground		black	GND
positive		red	2.5 - 5, typ 3 V DC

Safety Label



Valid Revision

| 01-JUN-2021