

Line laser, red, 635 nm, 110 °, 4 mW

LH635-4-3(21x21x35)110DEG
Order Number: 70116267

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	110 °
Line Thickness	<1mm@2m
Operating Distance	2 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

Size	21x21x35 mm
Material	aluminium
Cable length	200 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Housing Color	black
Weight	54 g

Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features



- Fan angle 110 °
- Laser Class 1
- Operating Voltage 3 V DC
- Fixed focus
- Image processing

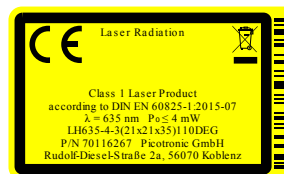
Picture



Cable color

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

Safety Label



Valid Revision

10 | 25-MAR-2021