

Line laser, red, 635 nm, 45 °, 2.5 mW

LI635-2.5-3(8x26)45DEG
Order Number: 70103977

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	60	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 1 - 1.5 mrad
Fan Angle 45 °
Line Thickness <1.5mm@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 Ø8x26 mm
Material aluminium
Cable length 100 mm
Wire type 26AWG, 0,14mm²
Output Aperture 3 mm
Housing Color black
Weight 3.5 g
Stripping of wire 5 mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 3 V DC
- Laser Class 1
- Fan angle 45 °
- Fixed focus
- Compact size

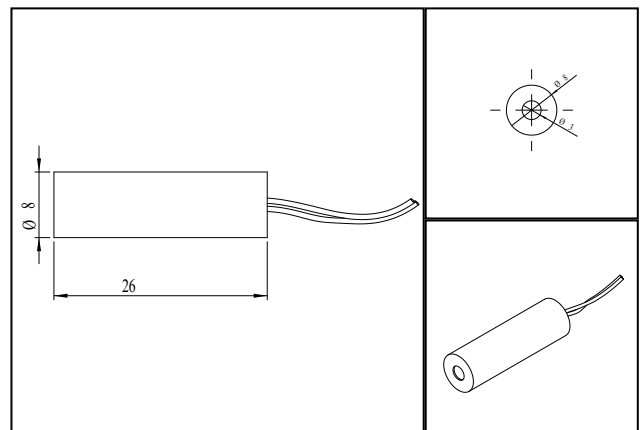
Picture



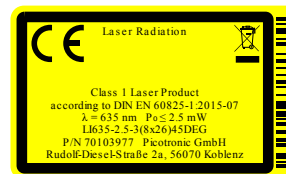
Cable color

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

Drawing



Safety Label



Valid Revision

6 | 26-APR-2023

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Industrial Lasers](#) category:

Click to view products by [PICOTRONIC](#) manufacturer:

Other Similar products are found below :

[5113220008](#) [LC-LMD-650-07-01-A](#) [FP-L-635-2-40-C-24V](#) [70131512](#) [70115505](#) [70103380](#) [70107425](#) [70116007](#) [70106954](#) [70103786](#)
[70108477](#) [70112764](#) [70107241](#) [70103069](#) [70105803](#) [70118063](#) [70124989](#) [70117271](#) [70121582](#) [70109986](#) [70122183](#) [70106398](#) [70105643](#)
[70109849](#) [70115420](#) [70103977](#) [70106848](#) [70106664](#) [70105612](#) [70108927](#) [70100037](#) [70114331](#) [70105964](#) [70104011](#) [70127171](#) [70116076](#)
[70108552](#) [70116991](#) [70105735](#) [70106312](#) [70110524](#) [70114843](#) [70125702](#) [70116267](#) [70118001](#) [70105032](#) [70105728](#) [70104349](#) [70121315](#)
[70115956](#)