

Red Line Lasermodule

LD635-1-24(12x45)-C200

Order Number: 70121377

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	2	5	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	0.5mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø12x45mm
Material	Brass
Cable length	200mm
Wire type	18AWG, black, 3,6mm
Output Aperture	4.5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm
Stripping of cable cover	50mm

(*) Over the complete operating temperature range

Features

- Operating Voltage 24V DC
- Laser Class 1
- Fan angle 90°
- Compact size
- Uniform line thickness

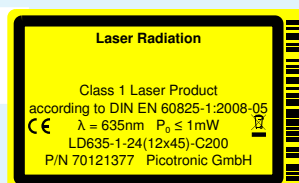
Picture



Cable Colors

Ground		black	GND
Positive		white	21.6 - 26.4, typ 24V DC

Safety Label



Revision

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Picotronic GmbH
Rudolf-Diesel-Str. 2a
56070 Koblenz
Germany

Geschäftsführende
Gesellschafter:
David Heckner,
Thiemo Komischke

FON +49(0)261-983 497-0
FAX +49(0)261-983 497-10
www.picotronic.de
info@picotronic.de

Sparkasse Koblenz
BLZ 570 501 20, **KTO** 211 003
BIC / IBAN : MALADE51KOB
DE41 5705 0120 0000 2110 03

Postbank Stuttgart
BLZ 600 100 70, **KTO** 770 787 04
BIC / IBAN : PBNKDEFF
DE41 6001 0070 0077 0787 04

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