

Line laser, red, 650 nm, 10 °, 5 mW

LE650-5-5(12x32)10DEG
Order Number: 70116182

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage		5		V DC
Operating Current	15	31	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	2M
Divergence	E - 0.6 mrad
Fan Angle	10 °
Line Thickness	<1.5mm@3m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-5

Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5.5 mm
Housing Color	black
Weight	13 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Small fan angle
- Compact size
- Laser Class 2M
- Operating Voltage 5 V DC
- Fixed focus

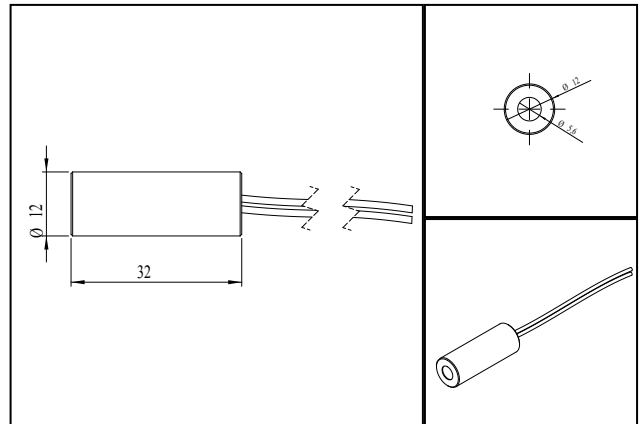
Picture



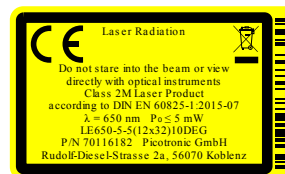
Cable color

Ground  black GND
positive  red 5 V DC

Drawing



Safety Label



Valid Revision

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