

Line laser, red, 650 nm, 30°, 16 mW

LC650-16-12-F(14x62)30
Order Number: 70129823

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage		12		V DC
Operating Current	15	28	50	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 C - 0.4 mrad
Fan Angle 30°
Line Thickness adjustable
Operating Distance 6 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size Ø14x62 mm
Material aluminium
Cable length 100 mm
Wire type Belden, Typ 1007, 26AWG

Output Aperture	3.5 mm
Housing Color	black
Weight	16.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Adjustable focus
- Operating Voltage 12 V DC
- Adjustable focus
- Small fan angle
- Image processing

Picture



Cable color

Ground  black GND
Positive  red 12 V DC

Safety Label



Valid Revision

| 23-FEB-2021