

Line laser, red, 650 nm, 45°, 20 mW

LC650-20-24-F(14x62)45
Order Number: 70134438

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power	15	20	22	mW
Operating Voltage	22.3	24	25.4	V DC
Operating Current	10	15	30	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	45°
Line Thickness	adjustable
Operating Distance	4 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 24 V DC
- Adjustable focus
- Small fan angle
- Image processing

Picture



Cable color

Ground		black	GND
Positive		red	22.3 - 25.4, typ 24 V DC

Safety Label



Valid Revision

| 03-MAR-2021