

Line laser, red, 650 nm, 90°, 16 mW

LH650-16-24(20x80)-F150
Order Number: 70137712

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	20	24	26	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1mm@0.15m
Operating Distance	0.15 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (150mm)

Electrical Parameters

Potential of Housing	isolated
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	500 mm

Wire type	22AWG, black, 3,6mm
Output Aperture	5.5 mm
Weight	63 g
Protection Class	IP 51
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 24V DC
- Isolated housing
- Laser Class 1
- Small laser head

Picture



Cable color

Ground		black	GND
Positive		white	20 - 26, typ 24 V DC

Safety Label



Valid Revision

| 22-JUL-2020