

Line laser, blue, 450 nm, 90°, 15 mW

LH450-15-24(20x80)-PL-F300
Order Number: 70132281

Main Parameters (*)	min	typ	max	Unit
Wavelength		450		nm
Optical Output Power		15		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	35	70	mA
Operating Temperature	-10		60	°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	90°
Line Thickness	<1mm@300mm
Operating Distance	0.3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (300mm)

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
Housing Color	black
Weight	98 g
Protection Class	IP51
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 24 V DC
- Laser Class 2M
- Uniform line thickness
- High Power
- Small laser head

Picture



Cable color

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

Safety Label



Valid Revision

| 14-OCT-2020