

Line laser, red, 660 nm, 110°, 45 mW

LH660-45-5(20x90)110-PWL-ADJ
Order Number: 70134742

Main Parameters (*)	min	typ	max	Unit
Wavelength	655	660	665	nm
Optical Output Power	25	45	55	mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	150	200	250	mA
Operating Temperature	-10		40	°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	3R
Divergence	H - 1.0 mrad
Fan Angle	110°
Line Thickness	adjustable
Operating Distance	6 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Connector	2.5 mm DC socket (+ pole inner)

Mechanical Parameters

Size	Ø20x90 mm
Material	aluminium
Cable length	1,000 mm
Output Aperture	5.5 mm
Housing Color	black
Weight	70 g
Protection Class	IP 54

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Isolated housing
- Laser Class 3R
- Protection lens

Picture



Safety Label



Valid Revision

| 09-MAY-2022