

Line laser, red, 650nm, 90°, 16mW

LH650-16-24(20x80)-F800-CON

Order Number: 70125887

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

Technical Parameters

Lifetime	>10000h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	H - 1.0mrad
Fan Angle	90°
Line Thickness	<1mm@0.8m
Operating Distance	0.8m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	no
Focus	fixed (800mm)

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC socket (+pole inner)

Mechanical Parameters

Size	Ø20x80mm
Material	aluminium
Cable length	500mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5.5mm
Housing Color	black
Weight	63g

(*) Over the complete operating temperature range

Features





- Operating Voltage 24V DC
- Isolated housing
- Laser Class 2
- Small laser head

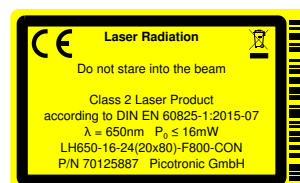
Picture



Cable Colors

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

Safety Label



Revision

| 21-SEP-2016