

Red Line Lasermodule

LH650-24-5(12x37)

Order Number: 70101966

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		24		mW
Operating Voltage	4.5	5	5	V DC
Operating Current	45	70	120	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	1mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Technical Parameters

Lifetime	>5000h
RoHS	yes

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-5

Mechanical Parameters

Size	Ø12x37mm
Material	aluminium
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	7mm
Housing Color	black
Weight	7g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features



- Compact size
- Low power consumption
- Laser Class 2M
- Fixed focus
- Glass lenses AR coated

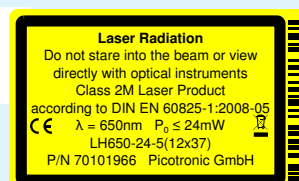
Picture



Cable Colors

Ground		black	GND
Positive		red	4.5 - 5, typ 5V DC

Safety Label



Revision

REV 2 | 14-AUG-2014