

Cross laser, red, 635 nm, 45 °, 5 mW

CB635-5-3(16x45)45DEG
Order Number: 70122237

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	55	80	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	Cross
Laser Class	1
Divergence	B - 0.3 mrad
Fan Angle	45 °
Line Thickness	<1.5mm@3m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)
Verticality	< ±0.5 °

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

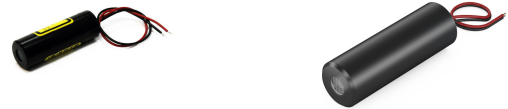
Size	Ø16x45 mm
Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	6.8 mm
Housing Color	black
Weight	23.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



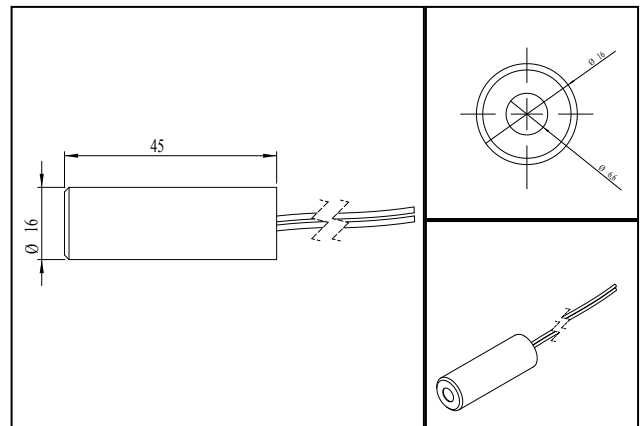
Picture



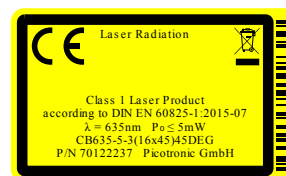
Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

Drawing



safety label



Valid Revision

| 21-AUG-2015