

Faser Laser, blue, 450 nm, 50 mW

F450-50-5(14x50)-FIBER3M
Order Number: 70149562

Main Parameters (*)	min	typ	max	Unit
Wavelength	445	450	455	nm
Optical Output Power	30	50	60	mW
Operating Voltage	4.5	5	5	V DC
Operating Current	100	130	160	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		85	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 8,000 h
RoHS	yes

Optical Parameters

Beam Shape	Fiber
Laser Class	3B
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Single Mode Diode

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø14x50 mm
Material	aluminium
Cable length	200 mm
Wire type	22AWG, black, 3,6mm
Housing Color	black
Weight	7 g

Fibers

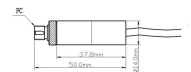
Fiber connector	FC
Numerical aperture	0.2 NA
Fiber core diameter	Ø 200 µm
Fiber included	yes

(*) Over the complete operating temperature range

Features



Picture



Cable color

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

Safety Label



Valid Revision

| 09-MAY-2022