

Faser Laser, blue, 450 nm, 50 mW

AMF450-50-5(14x50)-FIBER3M
Order Number: 70151879

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		80	°C

Main Data

Warranty	1 years
----------	---------

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
Max. Mod. Frequency	50 kHz
Cable color power control	Yellow

Mechanical Parameters

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

Fibers

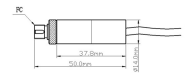
Fiber connector	FC
Numerical aperture	0.2 NA
Fiber core diameter	Ø 200 µm
Fiber included	yes

(*) 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