

## Faser Laser, green, 520 nm, 50 mW

F520-50-5(14x50)-FIBER3M  
Order Number: 70149579

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	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

### 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

### Mechanical Parameters

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

### Faser

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

| 13-APR-2021