

## Faser Laser, red, 638 nm, 1 mW

F638-1-5(18x39x11)-USB-FIBER5000  
Order Number: 70145694

Main Parameters (*)	min	typ	max	Unit
Wavelength		638		nm
Optical Output Power	0.15	1	1	mW
Operating Voltage	4.5	5	5	V DC
Operating Current	30	50	100	mA
Operating Temperature	-10		50	°C
Storage Temperature	-20		85	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape Fiber  
Laser Class 2M  
Operating Distance 5 m  
Optics glass lens AR coated  
Beam Mode TEM00  
Laser technology Single Mode Diode

### Electrical Parameters

Potential of Housing isolated  
Connector CON-USB-A

### Mechanical Parameters

Size 39x18x11 mm  
Material Aluminium/Plastic

Housing Color	black
Weight	7 g

### Fibers

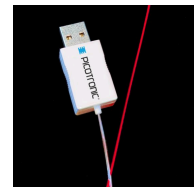
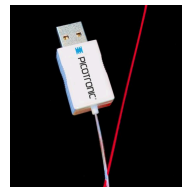
Fiber type	Monomode
Fiber included	yes

(\*) Over the complete operating temperature range

### Features



### Picture



### Safety Label



### Valid Revision

| 01-JUN-2023