

Faser Laser, red, 638 nm, 1 mW

F638-1-5(18x39x11)-USB-FIBER1000
Order Number: 70145717

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 >5000 h
RoHS yes

Optical Parameters

Beam Shape	Fiber
Laser Class	2M
Operating Distance	1 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	18x39x11 mm
Material	Aluminium/Plastic
Housing Color	black
Weight	7 g

Faser

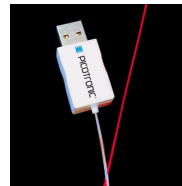
Fiber type	Monomode
Fiber included	yes

(*) Over the complete operating temperature range

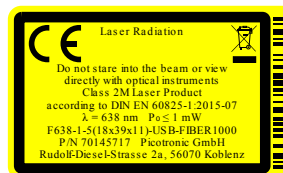
Features



Picture



Safety Label



Valid Revision

| 21-AUG-2020