

Faser Laser, blue, 450 nm, 1 mW

F450-1-5(18x39x11)-USB-FIBER5000
Order Number: 70145663

Main Parameters (*)	min	typ	max	Unit
Wavelength		450		nm
Optical Output Power	0.85	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
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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

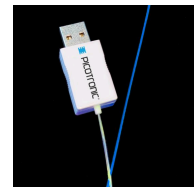
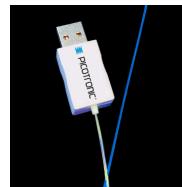
Fiber type	Monomode
Fiber included	yes

(*) Over the complete operating temperature range

Features



Picture



Safety Label



Valid Revision

| 01-JUN-2023