

Faser Laser, blue, 450 nm, 1 mW

F450-1-5(18x39x11)-USB-FIBER1000
Order Number: 70145656

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

Technical Parameters

Lifetime > 5,000 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 39x18x11 mm
Material Aluminium/Plastic

Housing Color	black
Weight	7 g

Fibers

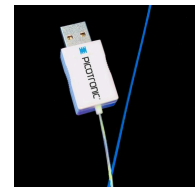
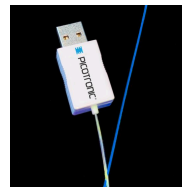
Fiber type	Monomode
Fiber included	yes

(*) Over the complete operating temperature range

Features



Picture



Safety Label



Valid Revision

| 01-JUN-2023