

Faser Laser, red, 635 nm, 20 mW

MF635-20-5(14x50)-USB-FIBER1000
Order Number: 70146011

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	15	20	20	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	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Fiber
Laser Class	3R
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode

Electrical Parameters

Potential of Housing	isolated
Connector	CON-USB-A

Mechanical Parameters

Size	Ø14x50 mm
Material	aluminium
Cable length	500 mm
Housing Color	silver
Weight	7 g

Fibers

Fiber connector	FC
Numerical aperture	0.5 NA
Fiber type	Multimode
Fiber core diameter	Ø 170 µm
Fiber included	yes

(*) Over the complete operating temperature range

Features



- Fiberlaser
- Pwm modulation
- USB
- FC connector
- Diffusing fiber

Picture



Safety Label



Valid Revision

| 01-JUN-2023