

Faser Laser, red, 640 nm, 50 mW

F640-50-5(14x50)-FIBER3M
Order Number: 70149586

Main Parameters (*)	min	typ	max	Unit
Wavelength	635	640	645	nm
Optical Output Power	30	50	60	mW
Operating Voltage	4.5	5	5	V DC
Operating Current	100	130	160	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime >8,000 h
RoHS yes

Optical Parameters

Beam Shape Fiber
Laser Class 3B
Optics glass lens AR coated
Beam Mode TEM00
Laser technology Single Mode Diode

Electrical Parameters

Potential of Housing isolated

Mechanical Parameters

Size Ø14x50 mm
Material aluminium
Cable length 200 mm
Wire type 22AWG, black, 3,6mm
Housing Color black
Weight 7 g

Fibers

Fiber connector	FC
Numerical aperture	0.2 NA
Fiber core diameter	Ø200 µm
Fiber included	yes

(*) Over the complete operating temperature range



Features



Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5, typ 5 V DC

Safety Label



Valid Revision

| 09-MAY-2022