

Faser Laser, red, 640 nm, 50 mW

F640-50-3(14x147)-S-FIBER3M
Order Number: 70149616

Main Parameters (*)	min	typ	max	Unit
Wavelength	635	640	645	nm
Optical Output Power	30	50	60	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	100	130	160	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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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
Battery	AA battery, 1.5V
Battery count	2

Mechanical Parameters

Size	Ø14x147 mm
Material	aluminium
Housing Color	black

Weight	7 g
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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



Safety Label



Valid Revision

| 09-MAY-2022