

Faser Laser, blue, 405 nm, 40 mW

F405-40-5(14x50)
Order Number: 70143737

Main Parameters (*)	min	typ	max	Unit
Wavelength	400	405	410	nm
Optical Output Power	20	40	50	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 > 10,000 h
RoHS yes

Optical Parameters

Beam Shape Fiber
Laser Class 3B
Size of Laserdot <8mm@5m
Optics glass lens AR coated
Beam Mode TEM00
Laser technology Single Mode Diode
Focus (5.0m)

Electrical Parameters

Potential of Housing isolated
Cable color power control Yellow

Mechanical Parameters

Size Ø14x50 mm
Material aluminium
Cable length 200 mm
Housing Color black
Weight 7 g

Fibers

Fiber connector	FC
Numerical aperture	0.2 NA
Fiber type	Multimode
Fiber core diameter	Ø 125 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

| 01-JUN-2023