

Fiber Tester FIBERCHECK

The FIBERCHECK is an inexpensive and easy to use test tool for finding breaks and faults in optical fibers. It is suitable for both singlemode and multimode fibers. The FIBERCHECK is also an invaluable help for finding the right fiber in a fiber bundle or for identifying too tight bend radii or badly assembled connectors.

The robust handheld is equipped with a 2.5 mm universal adapter and can, therefore, be used for all fiber connectors with a 2.5 mm ferrule diameter (e.g. FC, SC, ST, DIN, E2000). It is of no importance whether the fiber features a PC or an APC polishing. Also available are 1.25 mm and 3.17 mm adapters which allow the connection of fiber connectors with a 1.25 mm ferrule diameter (e.g. LC, MU) or 3.17 mm (SMA).

The FIBERCHECK can be operated in both cw and pulsed mode at 2 – 3 Hz. A protective cap guards the optical output of the device against dirt when it is not in use.



Fibercheck	Fibercheck-black	FiberLight SMF	170XL Visual Fault Locator
Article	3012467	3012921	3012292
Laser class	2M	2	IIIa
Wavelength	650 – 660 nm	635 nm	645 - +655 nm (655 nm central wavelength)
Optical output power	< 1 mW	< 1mW	1.0 mW
Fiber coupled power	SM Faser (9/125 µm) Typ. 200 µW/350 µW max. MM Faser (50/125 µm) Typ. 200 µW/600 µW max.	SM Faser (9/125 µm) min./Typ. 500 µW/700 µW MM Faser(50/125 µm) min. Typ 500 µW/800 µW	Max. into SMF-28 Fiber: 1.0 mW, Min. CW Output Mode: 316 µW (-5 dBm)
Connector	2.5 mm universal adapter 1.25 mm optional adapter, sold separately SMA optional adapter, sold sep.	2.5 mm Ferrule DIP, E2000	2.5 mm universal adapter
Modes of operation	cw oder 2-3 Hz Puls	cw, puls mode: 2-3 Hz Puls	cw oder <3 Hz Pulse (approximate)
Operation time - one battery pack (Pulsed mode)	40 h	40 h	48 h
Operating temperature	-10 °C to 45 °C	-10 °C to 45 °C	-10 °C to 50 °C
Storage temperature	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 60 °C
Power source	AAA batteries	AAA batteries	AA batteries
Dimensions	diameter: 12.1 mm, length: 156.5 mm	diameter: 12 mm, length: 167 mm	diameter: 254 mm, length: 220 mm
Weight	56 g (incl. batteries)	60 g (incl. batteries)	200 g