

Rechargeable 50 mW Visual Fault Locator Fiber Optic Equipment with Red Light Source FC/SC Connector for 4G Network & FTTH

Fiber Optics / Fiber Testing & Splicing Equipment

KONGIA 50 mW visual fault locator with built-in lithium battery and USB-C charging. Red light at 650 ± 10 nm for checking continuity and identifying visible faults in FTTH and network infrastructure fiber optic links.



KG-FT-VFL-50MWR



VFL RECARGABLE · 50 mW

Carga USB-C · 650 ± 10 nm · SC / FC / ST

KG-FT-VFL-50MWR

Brand

KONGIA

Type

Rechargeable visual fault locator

Nominal power

50 mW

Key features

- Nominal power of 50 mW with red light at 650 ± 10 nm.
- Built-in lithium battery, rechargeable via the rear USB-C port.
- Universal 2.5 mm interface for SC, FC and ST; LC via optional adapter.
- Continuous light, off and flashing selector.
- Aluminum alloy body with textured grip and protective cap.
- Includes USB cable, carrying pouch, strap and user guide.
- KONGIA 5-year warranty.

Technical specifications

Parameter	Specification
Brand	KONGIA
Model	VFL-50MWR
SKU	KG-FT-VFL-50MWR

Technical specifications

Parameter	Specification
Type	Rechargeable visual fault locator
Nominal power	50 mW
Wavelength	650 ± 10 nm
Interface	Universal 2.5 mm connector
Compatible connectors	SC, FC and ST
LC compatibility	Requires a 1.25 mm FC-LC adapter, sold separately
Modes	Continuous light (CW), off (OFF) and flashing (GLINT)
Monitoring	Slide switch
Power Supply	Built-in rechargeable lithium battery
Charging port	USB Type-C at the rear end
Body material	Aluminum Alloy
Color	Black; red cap and switch
Connector protection	Flip cover
Reference dimensions	175 x 25 x 25 mm
Reference weight	Approximately 90 g
Packaging dimensions	Approximately 195 x 71 x 33 mm
Weight with packaging	Approximately 130 g
Sales unit	1 locator with accessories
Warranty	5 years

Applications

FTTH Installation and Maintenance

Visual continuity testing in patch cords and accessible links.

Fault Location

Identification of light leaks at breaks and connections.

Fiber Infrastructure for Networks

Supports visual link inspection, including deployments serving 4G networks.

Connection Inspection Near the Panel

Assist the visual search for leaks in accessible patch cords, bends and joints beside the ODF, with the link isolated and following the optical safety procedure.

Packaging & contents

1 KONGIA VFL-50MWR locator, USB-A to USB-C cable, pouch, strap, user guide and box. The FC-LC adapter is sold separately. Patch cords and equipment shown in the usage images are not included.

Warranty

KONGIA 5-year warranty.