Komshine

enabling today,inspiring tomorrow

Enabling today.
Inspiring tomorrow.

KFI–40V *Optical Fiber Identifier*

- 5.9 dBm
270 Hz

← SIGNAL →

Optical Fiber Identifier

VFL

KFI-40V

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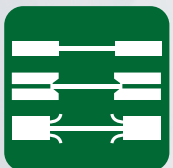
0.25~3.0mm Applicable fibers	800~1700nm Detect wavelength	**Hz** 270/1K/2K Hz Deetected tones	Deetection distance up to 5km(VFL)	Signal direction indication	**LED** LED light
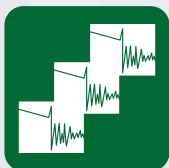
Product features and functions

- Suitable for 0.25/0.9/2.0/3.0mm fibers

- Test sensitivity: -40dBm ~ 10 dBm

- Easy to carry, no need to replace the chucks

- Be equipped with LED light, more convenient to check the fbers in the dark

- LED backlight display, suitable for various environments without auxiliary lighting

- Configure VFL function, 2.5mm universal

- Test distance up to 5km, high stability

- Strong light source, strong penetrating power

Universalfor SM/MM fiber / Ergonomic design

Probe anywhere on SM and MM fiber Identify it on the line

Fiber optic signal direction indicator light

The left direction light is on, indicating that the lightsourceis from right to left

$- 5.9$ dBm

270 Hz

◄ ● ►

← SIGNAL →
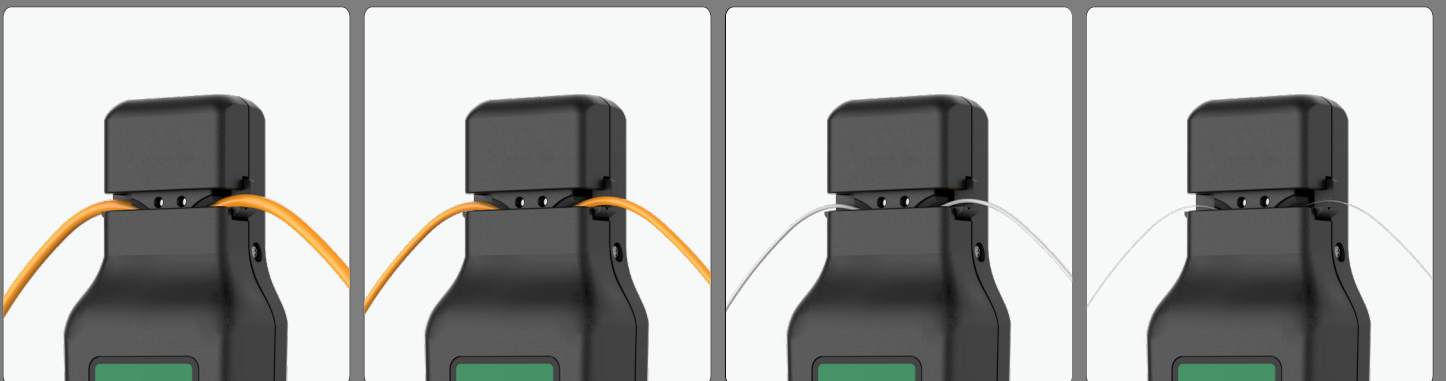
Hold the machine in hand, press the trigger switch on the back with your indexfinger, and clamp the fiber optic cable at the same time to automatically start the test.

OPTICAL
FIBER
IDENTIFIER

BATTERY: AA*2
S/N: 2024041700001

Press down to clampthe fiber optic cable

Multi-in-one fixture

Suitable for 3.0/2.0/0.9/0.25MM fibers

Identify 3 signal frequencies / Integrated VFL/LED lighting

● Identify 270Hz,1KHz,2KHz signalfrequency, there will be a buzzer sound when identifying the frequency

270Hz

1000Hz

2000Hz

● The breakpoint can be located quickly and the detection distance is up to 5 km LED lighting, convenient for construction in the dark environment.

KFI-40V

Open

Functional analysis

Multifunctional fixture

Fixture switch

LED display

Direction indicator

On / Off

LED

VFL

VFL function

Battery cover

OPTICAL FIBER IDENTIFIER
BATTERY: AA*2
S/N:20240117000?

KFI-40V

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Product characteristics

Wavelength Recognition Range	800nm ~ 1700nm
Signal Recognition Type	CW, 270Hz ±5%, 1kHz 5%, 2kHz 5%
Detector Type	φ1mm InGaAs 2 pcs
Adapted fiber type	Universal Holder for φ0.25(Bare Fiber), φ0.9, φ2.0, φ3.0 Cable
Signal Direction	Left & Right LED
Optical Power Reading Range	-40 dBm ~ 10 dBm
Signal Frequency Range	270Hz, 1kHz, 2kHz
Power Type	AA*2 (Package without battery)
Operating Temperature Range	-10°C ~ 60°C
Storage Temperature Range	-25°C ~ 70°C
Dimension	219mm*45mm*28mm
Weight	235g

VFL Function

Power Range	10mw
Testing Distance	5-8km
Wavelength	650nm
Laser Type	LD
LED Light	Support

*All the above data are obtained by komshine Lab in a 20° environment
*Measuring distance depends on factors such as optical fiber bending, connector, quality, etc.

Product display

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