JILONG
Since 1993

Optical Fiber Identifier
OFI-45



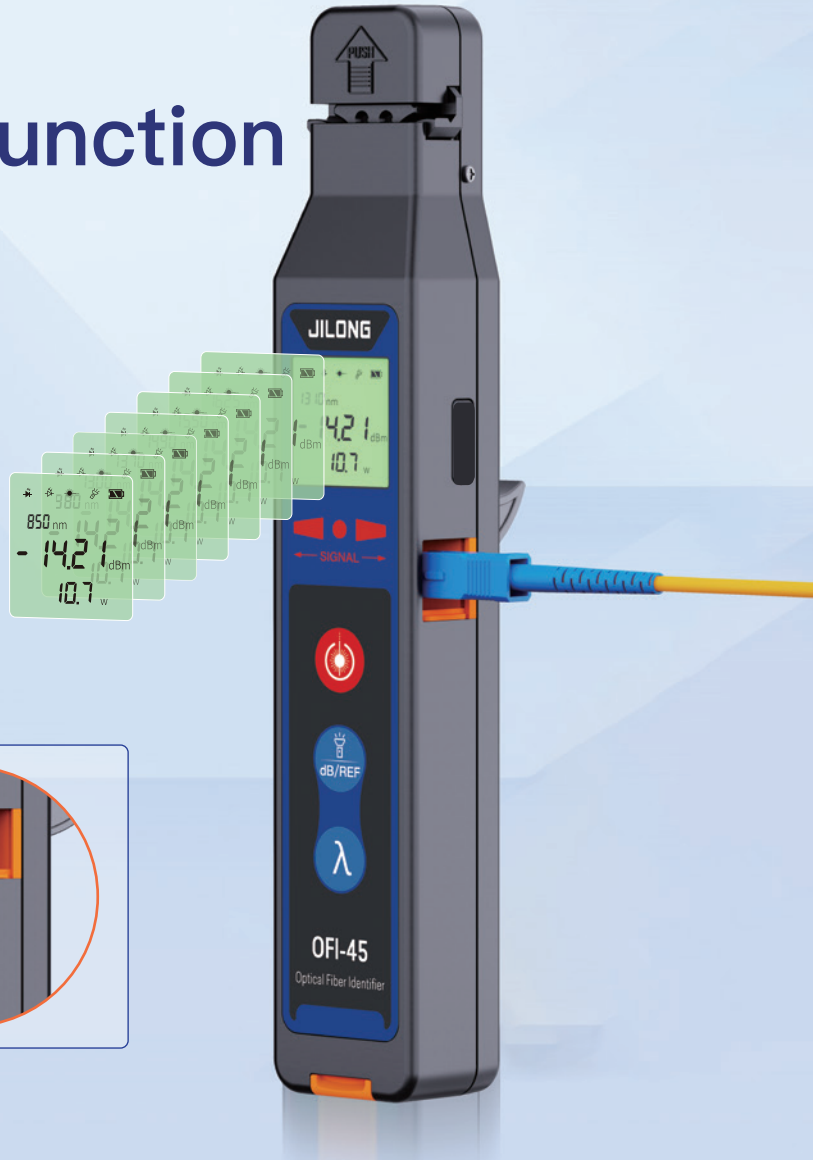
Features and Functions

- Suitable for 0.25/0.9/2.0/3.0mm fibers
- Test sensitivity: –40dBm to 10dBm
- Easy to carry, no need to replace the chucks
- LED backlight display, suitable for variousenvironments without auxiliary
- Strong light source, strong penetrating power
- Test distance up to 5km, high stability
- Configure VFL function, 2.5mm universal connectors
- Be equipped with LED light, more convenient to check the fibers in the dark

Integrated OPM function

7 wavelengths available

850nm 980nm 1300nm
1310nm 1490nm 1550nm
1625nm



2.5mm universal interface

Support SC/ST/FC interface



Integrated VFL LED lighting

Stable strong laser concentration, effectively cooperate with line detection.
Euipped with strong LED lighting, convenient for construction in the dark environment.





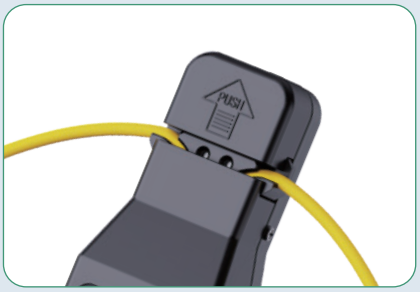


One key start
Quick test

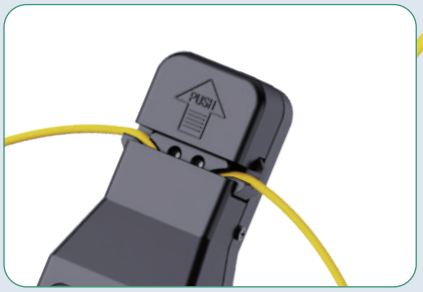


Press down to
clamp fiber

4–IN–1 FIXTURE



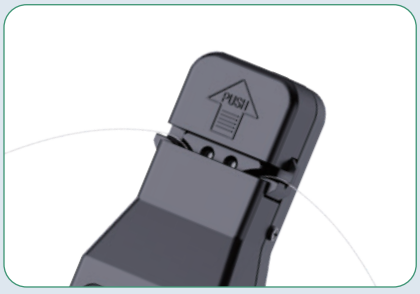
3.0mm Jump cable



2.0mm Jump cable



0.9mm Fiber cable

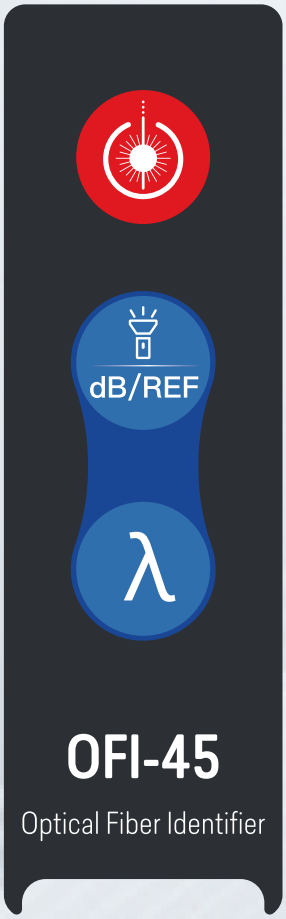


0.25mm Bare fiber cable





Key Manual



ON/OFF & OFI Function

1. Long press the power button to turn on the machine, the backlight will brighten up.
2. Long press the power button to turn off the machine.
3. Turn on the machine, short press power button to turn on the LED light and the screen shows the LED logo at the same time.
4. In the startup state, the OFI function is enabled by default, the OFI logo is displayed on the screen. Pull the trigger and the OFI result will be displayed. OFI logo lights up.
5. In the shutdown state, pull the trigger to enable no function.

OPM Function

1. In the startup state, long press OPM/dB/Ref button, Start OPM function and the screen shows the OPM logo , at the same time, the OFI function is invalid, the OFI logo disappears.
2. Short press OPM/dB/Ref to switch units and measure relative values
3. Short press the wavelength button λ to switch wavelengths
4. Pull the trigger, switch to OFI function, OPM logo disappears and OFI logo appears.

VFL Function

1. In the startup state, short press VFL button to start VFL function, the screen shows the VFL logo . Short press VFL button again to enter red light flashing model.
2. Short press VFL button again to turn off the VFL function, the VFL logo disappears.

Product information

Wavelength Recognition Range	850~1625nm
Signal Recogniton Type	CW, 270Hz ± 5%, 1kHz ± 5%, 2kHz ± 5%
Detector Type	ϕ 1mm InGaAs 2 pcs
Adapted Fiber Type	ϕ 0.25mm, ϕ 0.9mm, ϕ 2.0mm, ϕ 3.0mm
Signal Direction	Left & Right LED
Optical Power Reading Range	–40dBm ~ 10dBm
Signal Frequency Range	270Hz, 1kHz, 2kHz
Power Type	Alkaline Battery Type AA*2
Operating Temperature Range	–10℃ ~ 60℃
Storage Temperature Range	–25℃ ~ 70℃
Dimension/Weight	219*45*28mm/ 235g

VFL Function

Power Range	10mW
Testing Distance	5~8km
Wavelength Range	650nm
Laser Type	LD
LED light	YES

OPM Function

Wavelength Range	800~1700nm
Optical Power Testing Range	–70 ~ +6dBm / –50 ~ +26dBm
Standard Wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm
Interface	2.5mm Universal Interface
Detector Type	InGaAs
Display Resolution	0.01dB
Accuracy	±0.2dB

Product Display






联系我们

南京吉隆光纤通信股份有限公司

地　址：江苏省南京市六合区龙池街道虎跃东路8号

电　话：400 883 6695

邮　箱：info@jilongot.com

网　址：www.JILONGTX.com

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