

Technical Specifications

Specification	
Live Fiber Identifier Parameters	
Fiber Types	250μm/900μm/2mm/3mm fiber
Wavelength Range	700 to 1700nm
Direction Identification Range	-40 to +10dBm (Optical Source Wavelength: 1550nm)
Frequency Identification Lower Limit	-40dBm
Insertion Loss	< 3dB @ 1310nm; < 3dB @ 1550nm
Fiber Fixture	4-in-1 universal fixture
Detected Frequencies	270Hz, 1kHz, 2kHz
Visual Fault Locator (VFL) Parameters	
VFL Wavelength	650nm ± 20nm
VFL Port	2.5mm Universal port
VFL Output Power	10mW (solid light/2±0.5Hz flashing)
Other Parameters	
Charging Port	Type-C port
LED Flashlight	√
Buzzer Prompt	√
Operating Temperature	Operating temperature: -10 to 45°C
	Storage temperature: -20 to 45°C
General Characteristics	
Power Supply	3.7V 400mAh Lithium battery
Size	152mm*41mm*32mm
Weight	About 80g
Accessories	Optical Fiber Identifier*1, Gift Box*1, PE Bag*1, User Manual*1, Type-C Charging Cable*1
Standard Quantity Per Carton	10pcs

*Test Conditions:1. Source Wavelength: 150nm 2.Fiber umper dameter 2mm 3.Temperature -23 SC4 Afected y fber coang /cke color and mechanical propertes.

Applications



Telecommunications Operators



Private Network Construction & Maintenance



Data Centers

UNI-TREND
TECHNOLOGY





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UT691C
Optical Fiber Identifier

UT691C Series Fiber Optic Identifier applies non-destructive macro-bend detection to identify optical signals and transmission directions without cutting fibers. It comes with a 4-in-1 universal adapter for no fixture replacement, a built-in 10mW stable red light source to quickly find fiber breaks, bends and connector faults, and an HD OLED display for clear real-time data.



Visual Fault
Locator (VFL)



LED Flashlight



Non-destructive Fiber
Power Identification



4-in-1
Universal Fixture

Non-Destructive Microbend Online Testing

Zero insertion loss, non-disruptive online testing to prevent.



Auto-identifies 3 signal frequencies

Identifies 270Hz, 1kHz, 2kHz signal frequencies, beep alert upon frequency detection.



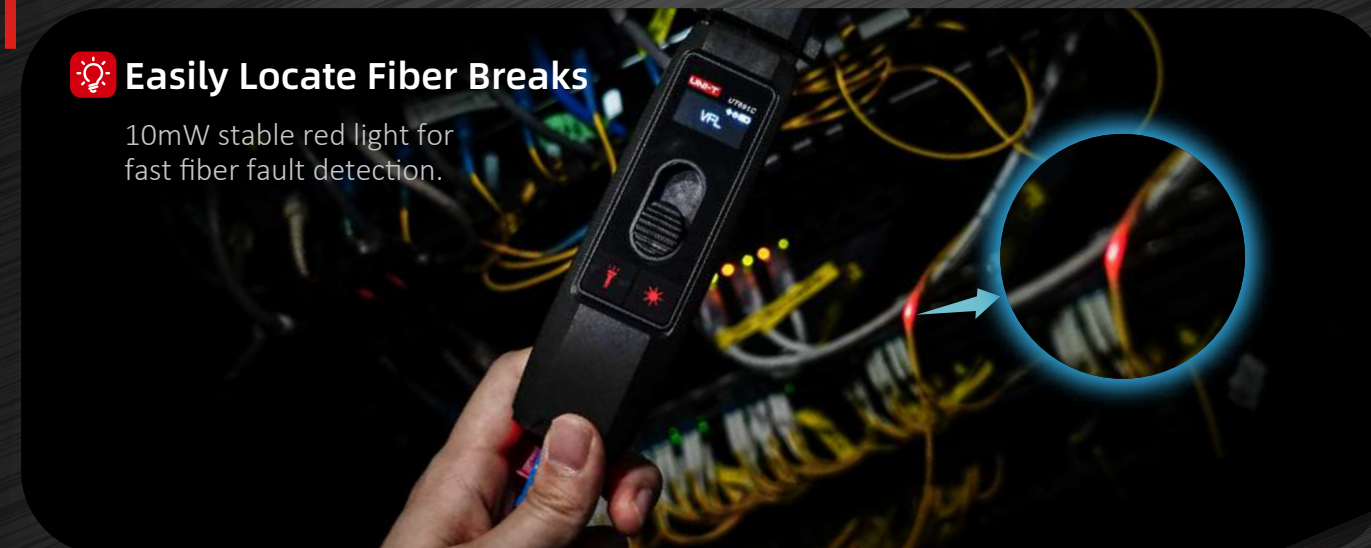
Built-in Li-ion Battery with USB Direct Charging

Supports charging via multiple USB power sources, including power banks, laptops, and car chargers.



Easily Locate Fiber Breaks

10mW stable red light for fast fiber fault detection.



4-in-1 Universal Fixture

No fixture change needed during online testing, ensuring fiber safety, compatible with 0.25mm/0.9mm/2.0mm/3.0mm fiber cables.



Mini & Compact, Easy to Carry

Compact design, easily fits in your pocket for on-the-go use.



Built-in LED Flashlight

Lighting for dark environments and cable tracing.

