

OFI-50A Optical Fibre Identifier

Product Overview

The OFI-50A uses an optical fibre sensing principle to accurately identify the target fibre. It can quickly locate deep buried, overhead and pipe fibre cables without causing any damage, and offers a simple identification method for maintenance personnel. Users only need to gently tap on the cable, the OFI-50 can detect the knocks through an earphone, enabling accurate identification of the target cable.

The OFI-50A features a true one-key test operation, a handheld design for portability, and a 3.5-inch colour screen displaying real-time waveforms. Its intelligent software provides two operation/display modes and real-time audio feedback through a headset. With three types of recognition percussion methods, it quickly and accurately identifies the measured cable. The OFI-50A is an ideal tool for optical fibre communication network maintenance.



Features

- Easy to use and reliable
- Quick identification of deep buried, overhead and pipe fibre cable
- Built-in intelligent mode: The screen displays positive and negative pyramid strength upon knocking on the measured cable, with audible notifications
- Rapid and accurate identification
- Targeted cable produces sound and light reactions when clicked
- The operator can intuitively judge the percussion cable based on headset feedback
- Real-time waveform display shows clear visual disturbances when the cable is tapped
- Includes VFL (Visual Fault Locator) function
- Non-destructive to optical cable

Specifications

Model	OFI-50A
Wavelength	1550nm
Display	3.5" industrial screen
Maximum Distance	60Km
Short Troubleshooting	650 red light
Output power	-2dB, -1dB, -0.5dB, 0dB adjustable
SNR	40dB
Interface type	FC/APC (SC, ST interchangeable)
Detection methods	Single colour testing, no loopback



Test results	1, 2, 3 real time audio waveform display, intelligent mode
Supply mode	7.4V 3500mAh battery (replaceable) , 12V 2A DC power adapter
Standby time	>24h (optional 10 minutes automatic shutdown)
Continuous working time	>20h
Volume	220*110*70mm
The light weight	0.8kg (including battery)

* Specifications subject to change without notice.

Ordering Information

Standard Package:

Optical colour Identifier Host, Headset, Jumper*1 (FC/APC-FC/PC), Adapter, User Manual, Portable Oxford Bag, Clean Cotton Swab.

