



Cable Fault Location Test System

Quality / Accuracy / Reliability

Introduction:

The Cable Fault Location Test System consists of two parts: Model: DYDL-2133 Cable Fault Tester & Model: DYDL-2132 Cable Traker and Fault Locator.

Model DYDL-2133 Cable Fault Tester : This cable fault tester is a comprehensive set of cable fault detection equipment. It can be used to detect flash-over cable fault, the earthing of the resistance, short circuit, cable break, and poor contact, with acoustic instrument, the exact location of the fault can be accurately detected. This tester is particularly suitable for testing voltage power cables and communication cables in various models and different levels.

Model DYDL-2132 Cable Traker and Fault Locator: Consisting of transmitter, receiver, magnetic induction wand, location detection frame and other components, this instrument is specialized for cable fault location test for various kinds of cables with metal conductor (wire pairs, sheath, shield). Its main function is to locate bad insulation test points, detect cable path and cable buried depth.



Cable Traker and Fault Locator:

Features:

- Higher receiving sensitivity
- Lower Static drift
- High positioning accuracy
- Strong anti-interference capability
- LCD display shows the signal and status
- Charger and Built-in lithium battery for charging

Specifications:

Tracing positioning distance	telephone cable is around 3km, other cables are up to 20km
Positioning impedance range	0-5MΩ
Positioning accuracy	± 10cm Depth probe: <3m



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Cable Fault Tester:

Features:

- Fully Featured

It can test faults safely, rapidly and accurately. This Tester uses low-voltage pulse method and high-voltage pulse flash-over method to detect a variety of cable faults, especially for flash-over of cable, it can be used directly without burning through cables. If equipped with acoustic tester, the exact location of the fault can be accurately measured.

- High precision

The instrument uses a high speed data sampling method, The sampling rate of A/D can be 100MHz, which made the read resolution of this machine is 1 meter, and the blind spot detection scope is 1m.

- High intelligence

Test results are automatically displayed on the large LCD display with waveform and data; which made the fault spot easy to be detected. And it owns Chinese menu with operation functions, so you don't need the training of the operating personnel.

- The waveform and data can be stored and tuned out.

Waveform and data will still be stored even when it is turned off because of the function of the non-volatile devices.

- It can show the dual trace.

It can compare the fault waveform with normal waveform, which is conducive to further determine the fault.

- It can extended the proportional of the waveform.

If the waveform proportion changed, the accurate testing can be achieved.

The position of the double cursor can be changed as you like, it can show the direct distance or the relative distance of the fault point and the tested point.

- It can modify the transmission speed with different tested-cable.

The small size makes it portable and the built-in rechargeable battery makes it easy to carry and use.

Specifications:

Farthest test distance

15Km (open wire up to 100 km)

Detection blind area

1m

Data-reading resolution

1m

Power dissipation

5VA

Conditions of Use

Ambient temperature: 0 °C ~ + 40 °C
(Limit temperature: -10 °C ~ + 50 °C)

Relative humidity: 40 °C (20 ~ 90)% RH

Atmospheric pressure: 86 ~ 106 Kpa

Dimensions

275mm * 220mm * 160mm

Weight

1.8kg

Application & Use

This tester can test various types of power cables (voltage 1KV ~ 35KV), telephone cable, FM communication cables, coaxial cables, and the short circuit on the metal overhead cables, grounding, high resistance leakage, high impedance fault flash-over, cables disconnection, and poor contact fault; and it can also test the length of the cable and the waveform transmission velocity.

Product Specifications are subject to change without notice

Manufactured By:

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