

HZGG500

Brief introduction of Communication Cable Fault Tester



I. Product introduction

The cable fault automatic comprehensive tester is a high - tech product developed by modern microelectronics technology. With pulse reflection and intelligent bridge test method, it is suitable for measuring the precise position of lead lead cable, plastic cable and customer's leather wire broken, mixed wire, earth gas, poor insulation, poor contact and other faults. It is an effective tool to shorten the time of troubleshooting, improve the working efficiency and reduce the labor intensity of line maintenance personnel. Line maintenance personnel can also use it for line engineering acceptance and inspection of cable electrical characteristics.

II. Product features

- combined with pulse reflection test method and intelligent bridge test method, can test broken wire, mixed wire, poor insulation and other types of fault.
- with automatic test function, just press the button once, the fault point can be found.
- manual test function is reserved.
- using English menu technology, easy to master and use.
- Megohm meter and Ohm meter function, can test insulation resistance and loop resistance.
- can permanently save 10 test waveform, not lost after shutdown, part of the replacement printer function.
- the use of automatic gain and automatic impedance balance technology, instead of cumbersome potentiometer regulation.
- the LCD screen is backlit and can be tested even at night.
- rechargeable lithium battery, intelligent charging, no need to watch.
- small size, light weight, easy to carry.

III .Technical indicators

1. Pulse reflection test method::

- the maximum measuring range is 8km, which can be selected according to the cable length.

- test blind spot: 0m

- test resolution:

The minimum range is 1m

The maximum range is 8m

- pulse width: 80ns-10 μ s automatic adjustment

- automatic adjustment of impedance balance

- gain adjustment: combination of automatic and manual

2. Intelligent Bridge Test Method:

- Able to test the maximum of poor insulation resistance: 100M Ω _

- Testing accuracy: +1%*full length of cable

- Able to test cable maximum length: 9999m*3

- The input can be divided into three sections, and the input line diameter can be 0.3mm-0.99mm.

- Charging time is about 4 hours

- Continuous working hours after filling up for 8 hours

- Dimension: 230mm \times 150mm \times 160mm

- Weight: 2Kg

IV.Packing list:

- Tester 1
- Charger (for main engine) 1
- Test guide wire 1
- User Manual 1
- Instrument backpack 1