

Venus 120 TDR Cable Fault Locator



Overview:

This cable fault locator is designed for ease of use. It combines with both time domain reflectometer (TDR, pulse reflection testing) and intelligent bridge testing (Bridge) for measuring the exact fault location such as the broken line, cross faults, earthing, poor insulation and poor contact of the lead covered cables as well as plastic cables.

It can test almost all the telecom cables. Simply select the modes which you are going to use. Distance, VOP, Gain and Range are automatically selected and adjusted as you scan the cable. Just move the cursor to the fault to pinpoint its location.

It is an effective tool to reduce troubleshooting time, improve work efficiency and reduce labor intensity of line maintenance staff. It also can be used in line projects acceptance and inspection of electrical cables.

Features:

1. Large color LCD Display (480 x 280 dot); humanized operation interface; six function keys and simple operation.
2. Both pulse reflection testing (TDR) and intelligent bridge testing (Bridge) can test broken lines, crossing lines, poor insulation and other types of faults.
3. Manual testing function is preserved.
4. Full English Menu is easy to master and use.
5. With megameter and ohmmeter, it enables to test insulation resistance and loop

KHUSHI COMMUNICATIONS PVT. LTD.

An ISO 9001: 2015 Company

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resistance.

6. With USB Port, it is easy to upload testing data to computer
7. Rechargeable lithium battery, intelligent charging without duty.
8. Small dimension, light weight and portable design.

Specifications:

Max range: 16km

Dead Zone: 0 m

Testing Accuracy: 1m

Pulse width: 40ns-10 μ s with automatic adjustment

Automatic impedance balance adjustment

Automatic and manual gain adjustment

2) Intelligent bridge testing(Bridge)

Max poor insulation resistance: 100 M Ω .

Testing accuracy: $\pm 1\% \times$ cable length

The max length of testing cable: 9999m

Charging time: 3 hours

Continued operating time: 8 hours

Dimension: 220 \times 160 \times 90 (mm³)

Weight: 1Kg

Faceplate:



Accessories:

- 1) Carry Case
- 2) Re-chargeable battery & charger/adapter
- 3) Test Line
- 4) User Manual

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