

## Cable Fault Locator

### NCFL 21

This Cable Fault Locator is designed for ease of use & combines 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. 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.

Reduces troubleshooting time, improves work efficiency and reduces labor intensity of line maintenance staff. It also can be used in line projects acceptance and inspection of electrical cables.

#### Features :

- Large color LCD Display (480 x 280 dot); humanized operation interface; six function keys and simple operation.
- Both pulse reflection testing (TDR) and intelligent bridge testing (Bridge) can test broken lines, crossing lines, poor insulation and other types of faults.
- Manual testing function is preserved.
- Menu is easy to master and use.
- With Megameter & Ohmmeter, it enables to test insulation resistance and loop resistance.
- Rechargeable lithium battery, intelligent charging without duty.
- Small dimension, light weight and portable design.

#### Specifications :

- 1) Pulse Reflection Testing (TDR)  
Max range : 8 km Dead Zone: 0 m Testing Accuracy: 1m  
Pulse width : 40ns - 10 $\mu$ s with automatic adjustment  
Automatic impedance balance adjustment  
Automatic and manual gain adjustment
- 2) Intelligent bridge testing(Bridge)  
Max poor insulation resistance : 100 M $\Omega$ .  
Testing accuracy:  $\pm 1\%$   $\times$  cable length  
The max length of testing cable : 9999m  
Charging time : 4 hours  
Continued operating time: 8 hours  
Dimension : 220 $\times$ 160 $\times$ 90 (mm3); Weight : 1Kg



#### Standard Delivery :

- Basic Instrument
- Battery with Charger
- Carrying Case
- Test Line
- Traceable Certificate
- Instruction Manual

Manufactured by



Since 1972

**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**

AN ISO 9001:2015 CERTIFIED COMPANY

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