

## CABLE FAULT LOCATOR

## NCFL 21

Nagman 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.

### SALIENT 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 test insulation resistance and loop resistance.

Rechargeable lithium battery, intelligent charging without duty.

Small dimensions, light weight and portable design.



Typical Photo: Final Product look may vary

### GENERAL SPECIFICATIONS

Pulse Reflection Testing (TDR)	
Max range	8 km
Dead Zone	0 m
Testing Accuracy	1m
Pulse width	40ns - 10μs with automatic adjustment
	Automatic impedance balance adjustment
	Automatic and manual gain adjustment
Intelligent Bridge Testing (Bridge)	
Max poor insulation resistance	100 MΩ
Testing accuracy	±1% × cable length
The max length of testing cable	9999m
Charging time	4 hours
Continued operating time	8 hours
Dimension	220×160×90 (mm3)
Weight	1Kg

### STANDARD INCLUSIONS

- Basic Instrument with Battery
- Test Clip
- Carrying Case
- Conformance Certificate
- Instruction Manual

### OPTIONAL

- Computer Interface

Manufactured by



**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**

**AN ISO 9001:2015 CERTIFIED COMPANY**

170/1a2, Chennai Bangalore Highway Road, Sembarambakkam, Chennai – 600 123. INDIA

Phone - Domestic Sales 044-6677 7024, 044-6677 7005 Email: [mktgchennai@nagman.com](mailto:mktgchennai@nagman.com)

Phone - Export Sales +91-44-6677 7025. Email: [exports@nagman.com](mailto:exports@nagman.com)

[www.nagman.com](http://www.nagman.com)

