FEATURES

- Tests shield wire integrity

- Auto or manual scanning

- Easy to read continuity and fault status display

- Remote testing of installed wiring

RS PRO LAN Test Equipment of Cable Continuity, Open Circuit, Short Circuit

RS Stock No.: 443-9200

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

An innovative cable tester for faults such as open, shorted and crossed pairs, (core/core or core/shield) connectors, presented by RS PRO. Compare one transmitting end to the receiving end, with easy to read correct pin configuration. Our tester equipment allows easy to read continuity or fault status, remote testing allows testing of installed cables from wall jack or patch panel. The device comes with 2 RJ45 sockets, 2 adapter cables (BNC/RJ45) for coaxial cables and a remote kit. A two line display (LED) indicates in sequence which pin of the RJ45 plug on cable end A is connected to which pin of cable end B; manual or automatic stepping is possible; if there is a short-circuit, more than 2 LEDs light up simultaneously.
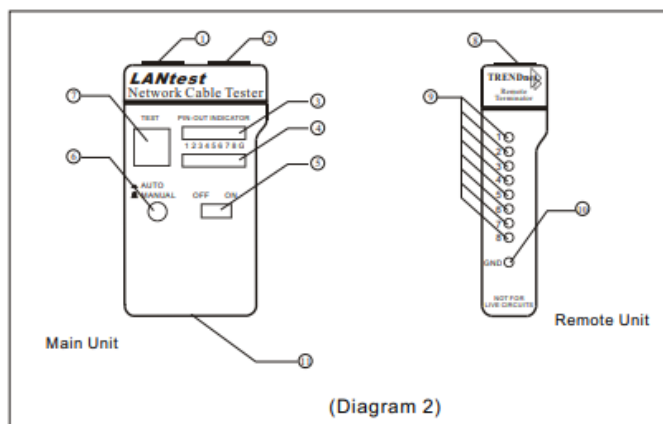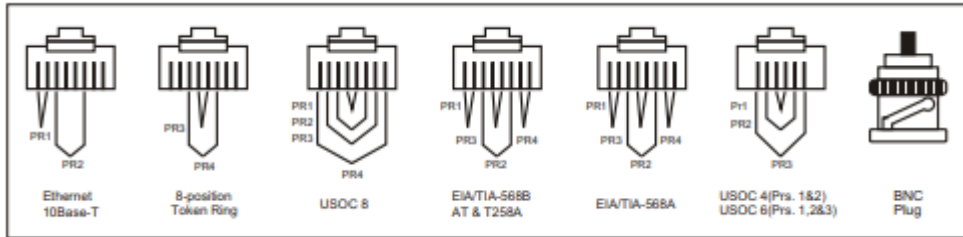
General Specifications

Cable Type	Coaxial, RJ45
Test Type	Cable Continuity, Open Circuit, Short Circuit
Maximum Number of Cables	1
Display Type	LED

Electrical Specifications

Power Source	Battery
Battery Type	PP3

Ethernet 10Base-T | 8-position Token Ring | USOC 8 | EIA/TIA-568B AT & T258A | EIA/TIA-568A | USOC 4(Prs. 1&2) USOC 6(Prs. 1,2&3) | BNC Plug
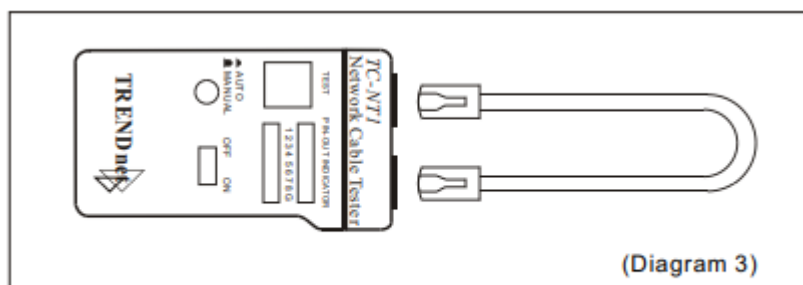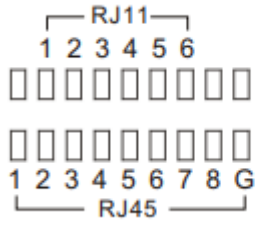

(Diagram 2)

1. RJ45 JACK
2. RJ45 JACK
3. LED DISPLAY FOR SOURCING END (JACK 1)
4. LED DISPLAY FOR RECEIVING END (JACK 2)
5. POWER SWITCH
6. LED SCANNING MODE SWITCH
7. TEST SWITCH FOR MANUAL SCAN
8. RJ45 JACK
9. LED DISPLAY FOR RECEIVING END
   (SAME AS JACK 2)
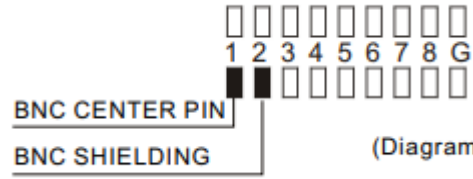10. GROUND LED FOR RECEIVING END
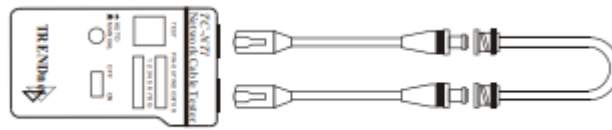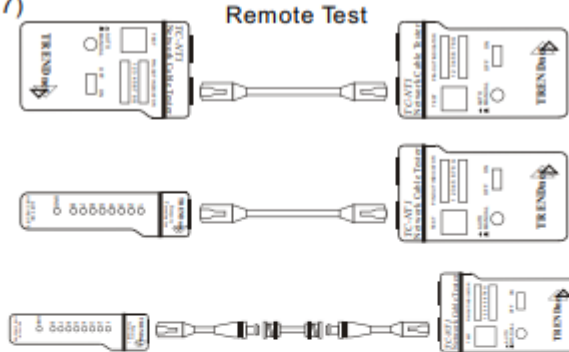11. BATTERY COMPARTMENT (9V)

(Diagram 3)

Loopback Test

┌─RJ11─┐
1 2 3 4 5 6

1 2 3 4 5 6 7 8 G
└────── RJ45 ──────┘

(Diagram 4)

1 2 3 4 5 6 7 8 G

BNC CENTER PIN

BNC SHIELDING

(Diagram 5)

(Diagram 6)

(Diagram 7)   Remote Test

Remote Test

(Diagram 8)   Patch Panel

Wall Plate
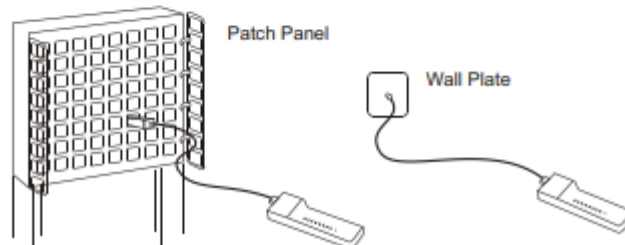
Test Results

1. Continuity:
1 2 3 4 5 6 7 8 G

Pin 2 has continuity

2. Open:
1 2 3 4 5 6 7 8 G

Pin 2 is opened

3. Short:
1 2 3 4 5 6 7 8 G

Pin 2 and Pin 3 are shorted

4. Miswire:
1 2 3 4 5 6 7 8 G

Pin 3 and Pin 6 are miswired