Multi-Network
Cable Tester
USER'S MANUAL

MULTI-NETWORK
CABLE TESTER

BNC Indicator
<Press To Test BNC
● Green-good
● Red-Bad ○unlit-Open

GND
●ON ■OFF

ON   OFF

10 BASE-T
AT&T 258A

TOKEN RING
EIA/TIAS68
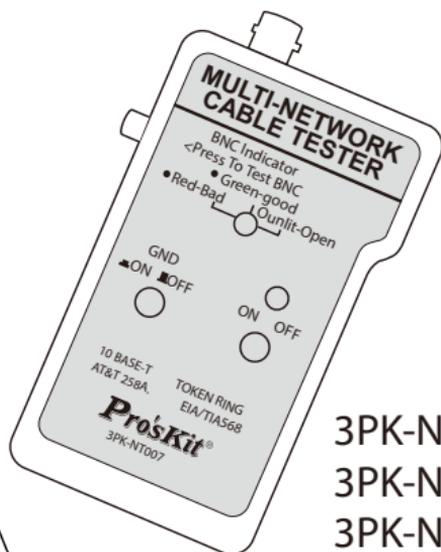
Pro'sKit®
3PK-NT007

3PK-NT005
3PK-NT007
3PK-NT008
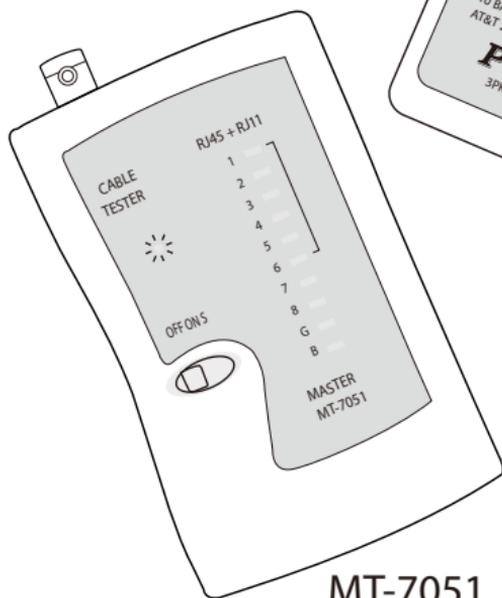
RJ45 + RJ11

CABLE
TESTER

1
2
3
4
5
6
7
8
G
B

OFF ON S

MASTER
MT-7051

MT-7051

Pro'sKit®
ISO 9001 CERTIFIED   CE

The multi-network cable is widely use for network testing.
The multi-network cable tester can automatically check for
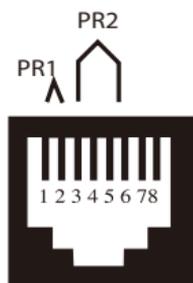continuity, shorted, open and crossed wire pairs.
Before use the multi-network cable tester, please read the
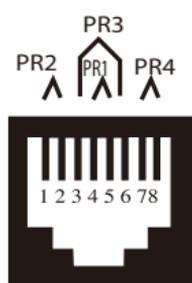following instructions completely.

INDEX

INTRODUCTION

These cable testers are specialized to quickly test by auto scanning for wires continuity, misswiring and polarization of thin Ethernet (BNC/TNC), 10-Base-T (UTP/STP), AT&T 258A, TIA568A/B, Token Ring and USOC4/6/8 modular cable. By using the attached remote terminator, you can easily test a cable whatever before or after the cables are installed. Easy access and quick check up.

PR2
PR1

1 2 3 4 5 6 7 8

Ethernet
10Base-T

PR2
PR3 PR1 PR4

1 2 3 4 5 6 7 8

EIA/TIA-568A

PR3
PR2 PR1 PR4

1 2 3 4 5 6 7 8

EIA/TIA-568B
AT & T 258A

PR2
PR1

1 2 3 4 5 6 7 8

8-position
Token Ring

BNC
Plug

BNC
Jack

PR3
PR2
PR1

1 2 3 4 5 6 7 8

USOC 8

PR3
PR2
PR1

1 2 3 4 5 6
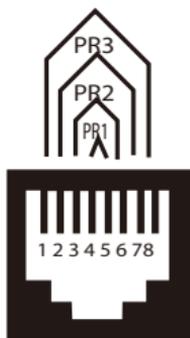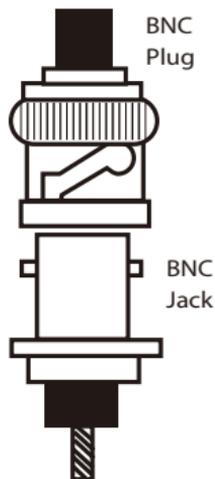
USOC 4 (Prs. 1 &2)
USOC 6 (Prs 1,2 &3)

MT-7051

Remote Terminator

CABLE TESTER

RJ45 + RJ11

1
2
3
4
5
6
7
8
G
B

OFF ON S

MASTER
MT-7051

RJ11 + RJ45

1
2
3
4
5
6
7
8
G

REMOTE
MT-7051

Master

Remote Terminator

3
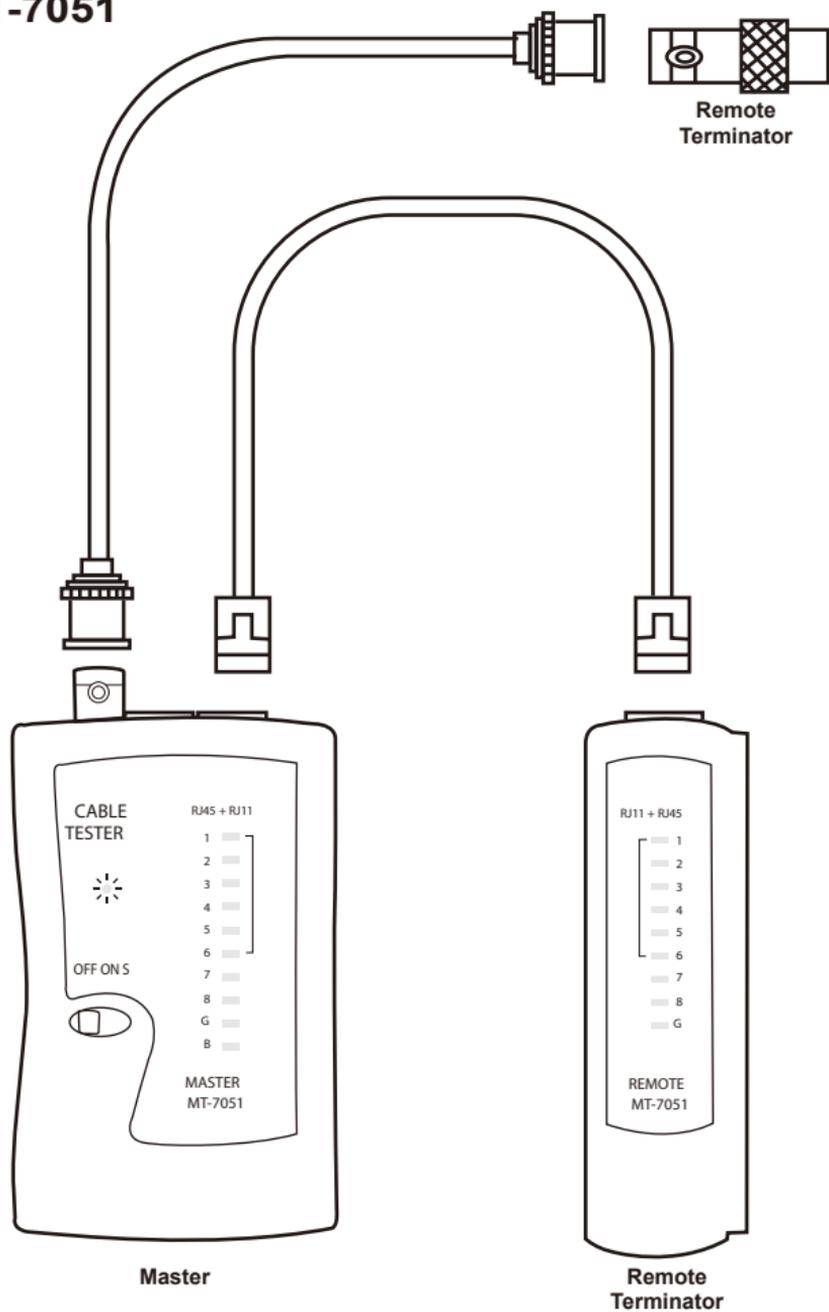
MT-7051
MULTI-MODULAR CABLE TESTER

Warning:
  1. For protect and safety reasons, please don't use MT-7051 test AC power.
  2. Turn on MT-7051, the power light is dark or not light. Please replace new 9V battery.

How to Use MT-7051:
  1. Turn on power switch, the power light will be flash.("S" for low speed test)
  2. To test twist pair cable, one side contect to the master unit and the other side contect to remote unit.
  3. On main unit indicator light from No.1 to 8. If the cable is normal, the indicator light will be light from No.1 to 8.
  4. To test coaxial cable, connect one end of the coaxial cable to the connector on the main unit and connect a terminator to the other end of the cable. If the cable is good, the MT-7051 indicator light "B" on the main unit shines green. If the light does not shine, the cable has an open connection or short.
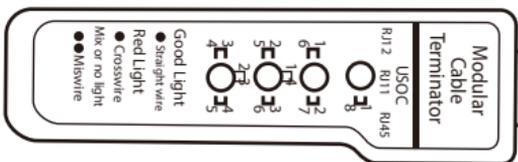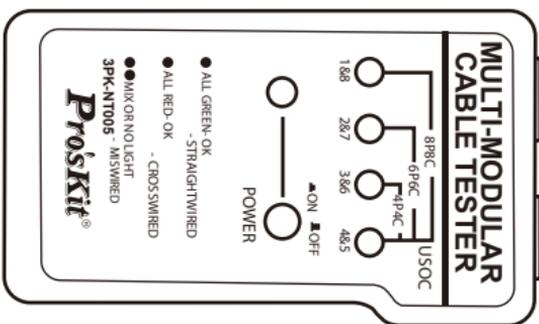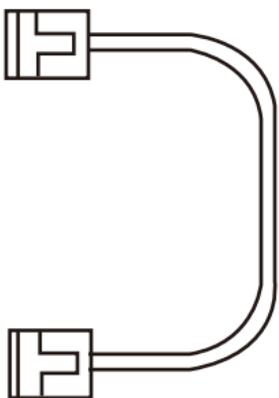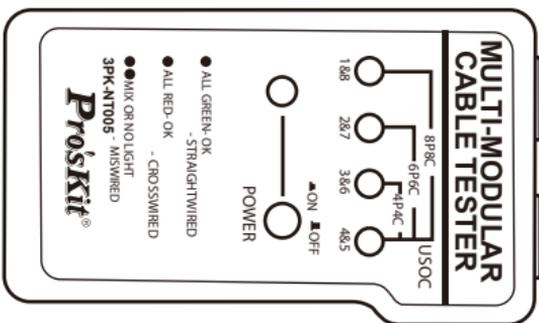
Remarks:
Please make sure a 9-volt alkaline battery has been installed in the battery compartment.

Caution:
Don't connect cable tester to the live circuits as it may be damaged by over voltage.

3PK-NT005

MULTI-MODULAR CABLE TESTER

● ALL GREEN OK
   - STRAIGHTWIRED
● ALL RED-OK
   - CROSSWIRED
●● MIX OR NOLIGHT
   - MISWIRED
3PK-NT005

ProsKit®

POWER

1&8   8P8C
2&7   6P6C
3&6   4P4C
4&5   USOC

Master

MULTI-MODULAR CABLE TESTER

● ALL GREEN OK
   - STRAIGHTWIRED
● ALL RED-OK
   - CROSSWIRED
●● MIX OR NOLIGHT
   - MISWIRED
3PK-NT005

ProsKit®

POWER

1&8   8P8C
2&7   6P6C
3&6   4P4C
4&5   USOC

Remote Terminator

Modular Cable Terminator

● Good Light
   - Straight wire
● Red Light
   - Crosswire
●● Mix or no light
   - Miswire

USOC   RJ12 RJ11 RJ45

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3PK-NT005
MULTI- MODULAR CABLE TESTER

Test for USOC 4/USOC 6/USOC 8 Modular Cable

1. Plug one end to the master tester and the other end to the remote terminator (you may plug boths end to master unit only, if you are not doing a remote test).
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. As soon as the tested cable is inserted the LEDs on the remote terminator will start to scan one by one.
4. If the tested cable is OK, the corresponding pair of LEDs will light up all Green.
5. If the corresponding pair of LEDs is lighted all RED, the cable was wired reversely.
6. If the LEDs light up GREEN first and Red after (mix) or it is unlighted, the cable is bad.
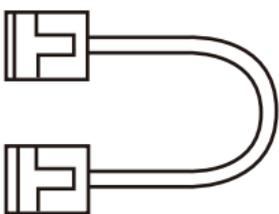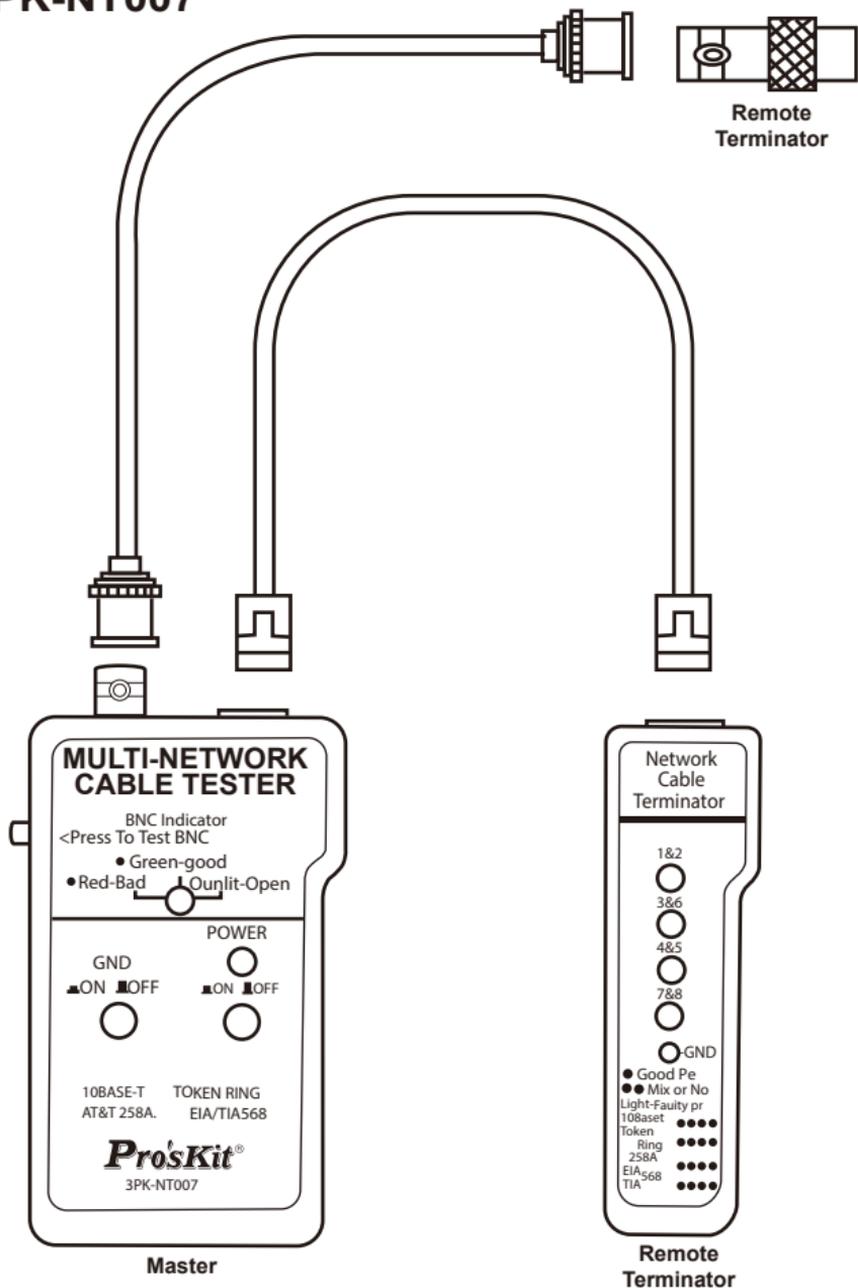
Remarks:
Please make sure a 9-volt alkaline battery has been installed in the battery compartment.

Caution:
Don't connect cable tester to the live circuits as it may be damaged by over voltage.

3PK-NT007

Remote Terminator

MULTI-NETWORK CABLE TESTER

BNC Indicator
<Press To Test BNC
● Green-good
●-Red-Bad ┃Ounlit-Open

GND
▄ON ┃OFF

POWER
▄ON ┃OFF

10BASE-T
AT&T 258A.

TOKEN RING
EIA/TIA568

Pro'sKit®
3PK-NT007

Master

Network Cable Terminator

1&2
3&6
4&5
7&8

GND
● Good Pe
●● Mix or No
Light-Faulty pr
108aset
Token Ring
258A
EIA 568
TIA

Remote Terminator
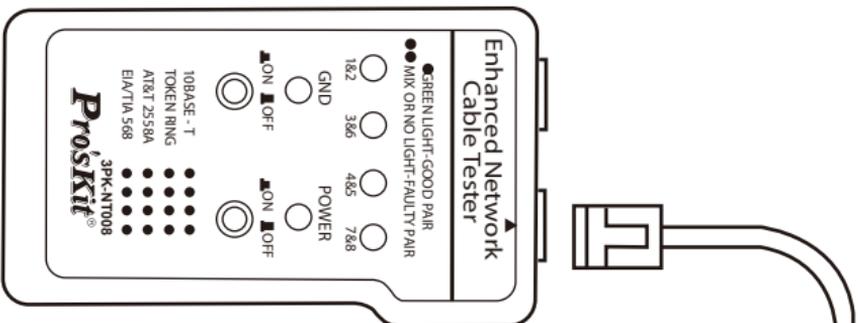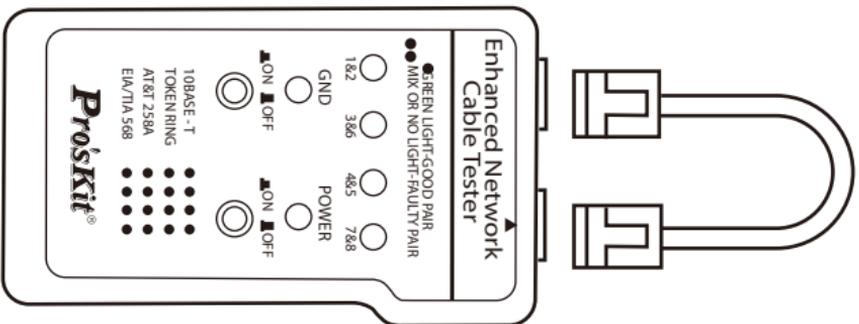
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3PK-NT007
MULTI-NETWORK CABLE TESTER

Test for Coaxial Cable (BNC)

1. Plug one end to the BNC socket of the master unit and the other end to the remote terminator.
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. After the cable is inserted, the BNC LED should be kept unlighted. If the BNC LED is lighted up, then the cable is bad.
4. Push the button which is on the left side of the master unit . The BNC LED indicator will light up GREEN if the cable is OK. If LED lights up RED or no light, the cable is bad.
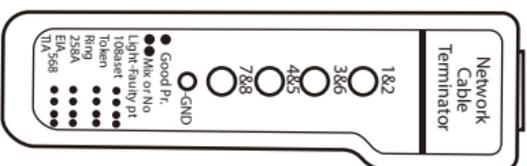
Test for 10-Base-T, AT& T 258A, EIA/TIA 568, Token Ring Cable

1. Plug on end of the cable to the jack of the master unit and the other end to the remote terminator.
2. Push the power switch on , the power LED will flash to show the power is working properly.
3. As soon as the power was switched on, the LEDs on the remote terminator will start to scan one by one. If the cable is OK, the LEDs corresponding to each pair connected will light GREEN. If the LED is lighted GREEN first and RED after (mix) or it is unlighted, the cable is bad .
4. If the cable is shielded, you may test shielding by pushing the GND switch on The corresponding LEDs and GND LED will light up with all green except the LED of pair 3 & 6 is kept off . If any LED is lighted green first and red after or unlighted, it's showing the shielding is bad.

3PK-NT008

Master

Remote
Terminator

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3PK-NT008
ENHANCED NETWORK CABLE TESTER

Test for 10-Base-T, AT&T 258A, EIA/TIA 568 and Token Ring Cable

1. Plug one end to the marked ▲ jack of the master unit and the other end to the remote terminator (you may plug both ends to the master unit only, if you are not doing a remote test).
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. As soon as the power is switched on, the LEDs on the remote terminator will start to scan one by one.
4. If the cable is OK, the LEDs corresponding to each pair connected will light GREEN . If the LED is lighted GREEN first and RED after (mix.) or it is unlighted, the cable is bad.
5. If the cable is shielded , you may test shielding by pushing the GND switch on. The corresponding LEDs and GND LED will light up with all green except the LED of pair 3&6 is kept off. If any LEDs is lighted green first and red after or unlighted, it's showing the shielding is bad.

Remarks:

1. Please make sure a 9-volt alkaline battery has been installed in the battery compartment.
2. Remember to always keep the GND switch off, if you are not testing the shielding.

Caution:
Don't connect cable tester to the live circuits as it may be damaged by over voltage.

Remarks :
1. Please make sure-a 9-volt alkaline battery has been installed in the battery compartment.
2. Remember to always keep the GND switch off, if you are not testing the shielding.

Caution:
Don't connect cable tester to the live circuits as it may be damaged by over voltage.