型號：MT-7051N&3PK-NT005N/007N/008N
尺吋：100X141mm(對折)　200×141（展開）共22頁

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176 - TestEquipmentDepot.com

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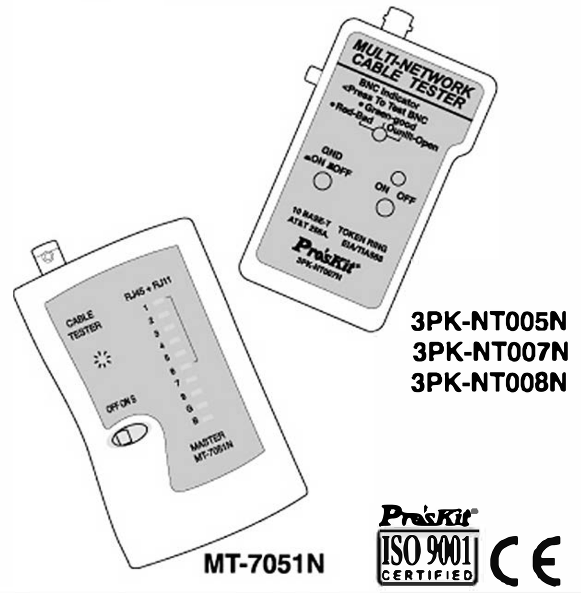
Multi-Network Cable Tester

USER'S MANUAL



3PK-NT005N
3PK-NT007N
3PK-NT008N

MT-7051N

ISO 9001 CERTIFIED

Thank you for purchasing the Pro'sKit® multi-network cable tester

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.

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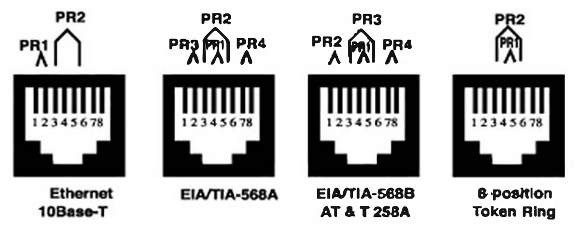
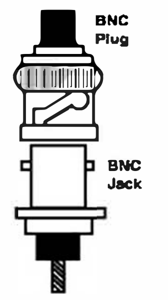
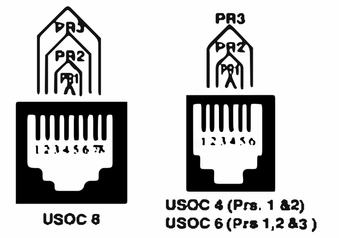
NOTE

INTRODUCTION

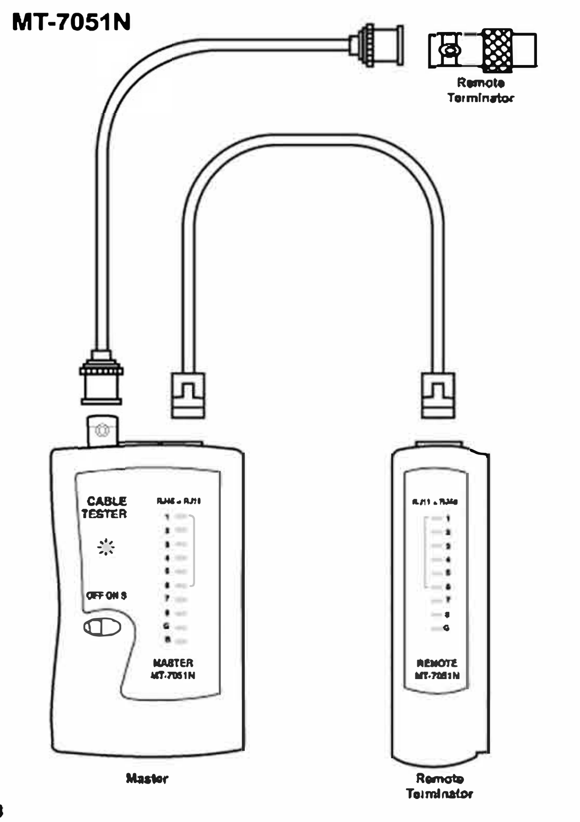
These cable testers are specialized to quickly test by auto scanning for wires continuity, misswiring and polarization of thin Ethernet (BNC/TNC), 10-Base-T (UTP/STP), AT&T 258A, TIA568A/B, Token Ring and USOC4/6/8 modular cable. By using the attached remote terminator, you can easily test a cable whatever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







MT-7051N



3PK-NT008N交換式網路線測試器(RJ-45)

測試10-Base-T, AT&T 258A, EIA/TIA 568以及Token Ring網路線：

1. 將網路線一端接到主機上標註▲記號的插口，另一端接到遠端測試器上（若不需做遠端測試時，可將網路線兩端皆插到主機上）。
2. 打開電源開關至ON的位置，電源指示燈開始閃爍。
3. 主機開啓的同時，遠端測試器即開始逐一掃瞄訊號。
4. 網路連線正常時，綠色訊號燈就會陸續亮起。
5. 網路連線反相時，紅色訊號燈就會陸續亮起。
6. 如果綠色訊號燈亮起後，接著亮起紅燈或是不亮，則表示網路線無法正常使用。（可能為接觸不良及資訊端子壓著不確實）
7. 如果線路被披覆材質遮蔽，請開啓GND模式後再開始測試。連線正常時，除了一組3 & 6之外，另外三組燈號會亮起綠燈，但是若有任何一個訊號在亮起綠燈後，接著亮起紅燈或是不亮，則表示網路線無法正常使用。

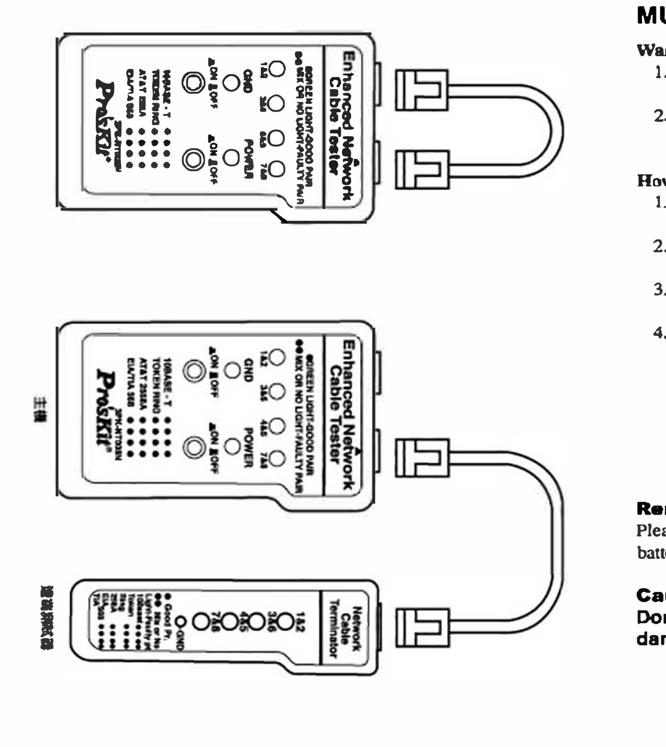
備註：

1. 使用前請確認電池匣中已放置一顆全新9V鹼性電池。
2. 除非必須測試披覆線路，否則請不要開啓GND開關。

警告：

3PK-NT008N交換式網路線測試器不可用於測試通電回路，不當的使用可能造成危險的電流過量。

3PK-NT008N



MT-7051N
MULTI-MODULAR CABLE TESTER

Warning:

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

How to Use MT-7051N:

1. Turn on power switch, the power light will be flash.("S" for low speed test)
2. To test twist pair cable, one side connect to the master unit and the other side connect 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-7051N indicator light "B" on the main unit shines green. If the light does not shine, the cable has an open connection or short.

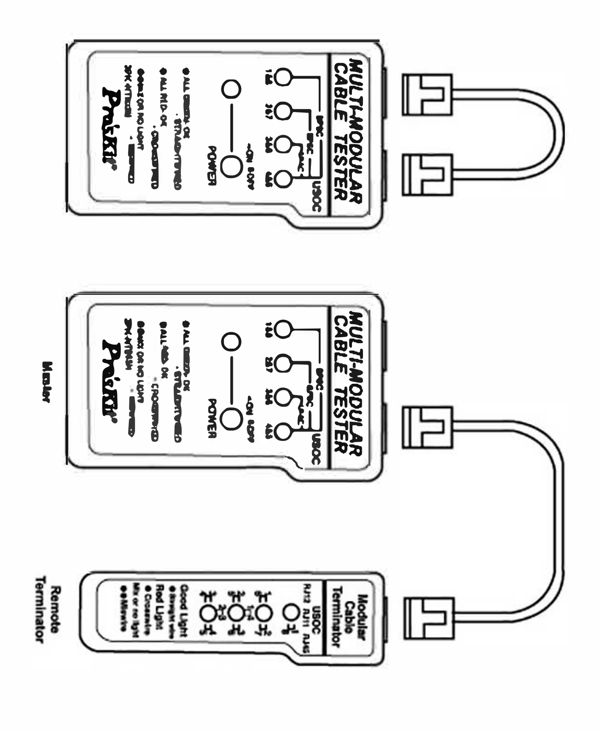
Remarks:

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-NT005N



3PK-NT007N二合一網路測試器(RJ-45/BNC)

測試同軸電纜線(BNC)：

1. 將同軸電纜線的一端連到主機的BNC插口，另一端連接終端電阻。
2. 打開電源開關至ON的位置，電源指示燈開始閃爍。
3. 按下主機左側的開關，若BNC訊號亮起綠燈，則表示同軸電纜線正常；若BNC訊號燈不亮，則表示線路無法正常使用或已毀損。

測試10-Base-T, AT& T 258A, EIA/TIA 568, Token Ring Cable：

1. 將網路線一端接到主機，另一端接到遠端測試器（若不需做遠端測試時，可將網路線兩端皆插到主機上）。
2. 打開電源開關至ON的位置，電源指示燈開始閃爍。
3. 主機開啓的同時，遠端測試器即開始逐一掃瞄訊號。網路連線正常時，綠色訊號燈就會亮起。如果綠色訊號燈亮起後，接著亮起紅燈或是不亮，則表示網路線無法正常使用。
4. 如果線路被披覆材質遮蔽，請按下GND模式後再開始測試。連線正常時，除了一組3 & 6之外，另外三組燈號皆會亮起綠燈，但是若有任何一個訊號在亮起綠燈後，接著亮起紅燈或是不亮，則表示網路線無法正常使用。

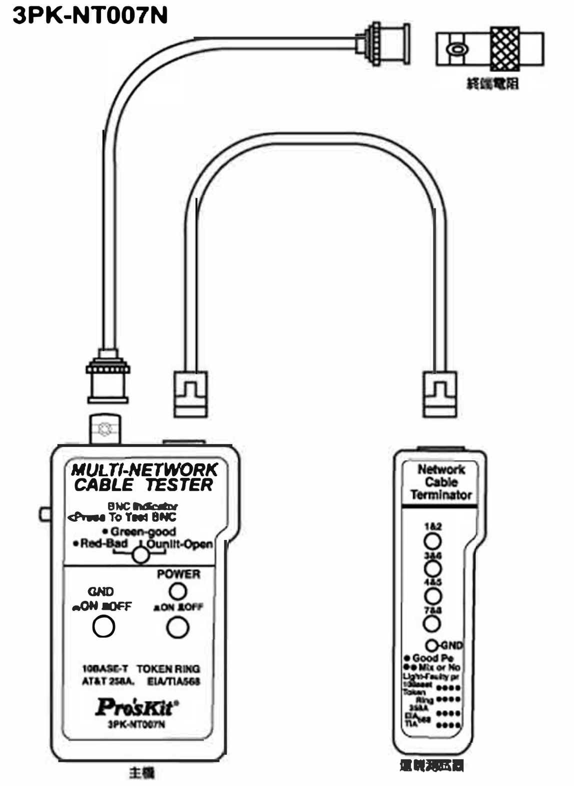
備註：

1. 使用前請確認電池匣中已放置一顆全新9V鹼性電池。
2. 除非必須測試披覆線路，否則請不要開啓GND開關。

警告：

3PK-NT007N二合一網路測試器不可用於測試通電回路，不當的使用可能造成危險的電流過量。

3PK-NT007N



3PK-NT005N
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.

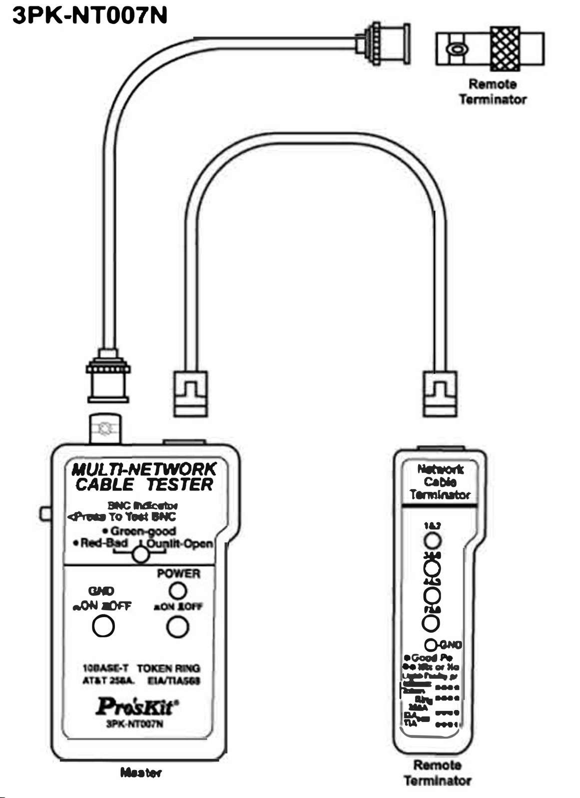
Remarks:

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-NT007N



3PK-NT005N多功能電話端子線測試器(RJ-45/RJ-11)

測試USOC 4/USOC 6/USOC 8 模組線路：

1. 將網路線一端接到主機，另一端接到遠端測試器（若不需做遠端測試時，可將網路線兩端皆插到主機上）。
2. 打開電源開關至ON的位置，電源指示燈開始閃爍。
3. 主機開啓的同時，遠端測試器即開始逐一掃瞄訊號。
4. 網路連線正常時，綠色訊號燈會陸續亮起。
5. 網路連線反相時，紅色訊號燈會陸續亮起。
6. 若訊號燈在亮起綠燈後，接著亮起紅燈或是不亮，則表示網路線無法正常使用。（可能為接觸不良及資訊端子壓著不確實）

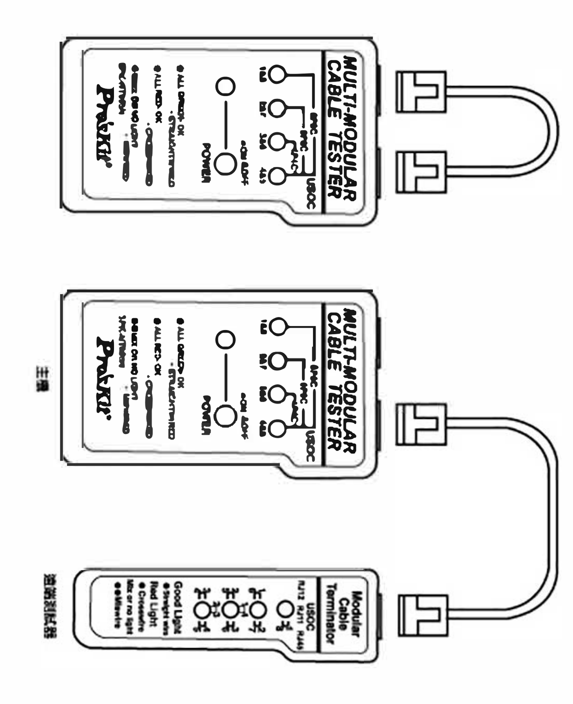
備註：

使用前請確認電池匣中已放置一顆全新9V鹼性電池。

警告：

3PK-NT005N多功能電話端子線測試器不可用於測試通電回路，不當的使用可能造成危險的電流過量。

3PK-NT005N



3PK-NT007N
MULTI-NETWORK CABLE TESTER

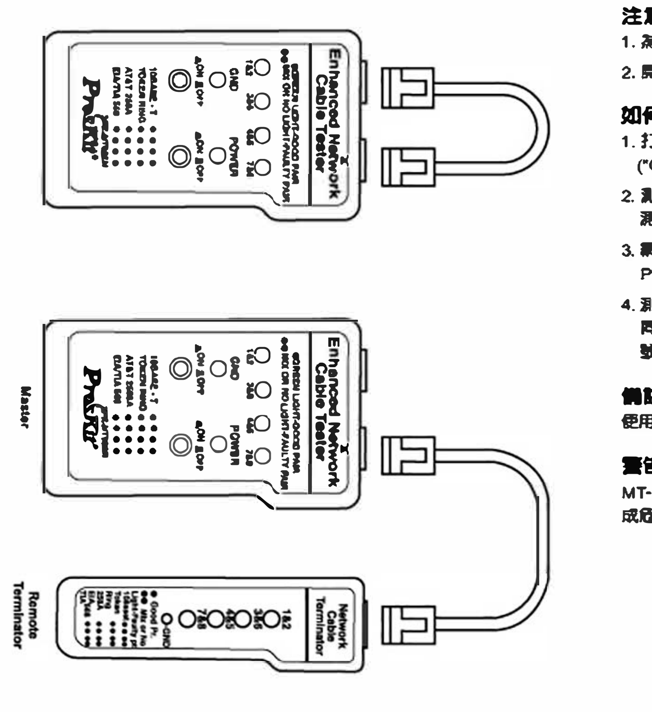
Test for Coaxial Cable (BNC)

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-NT008N



MT-7051N三合一網路測試器(RJ-45/RJ-11/BNC)

注意：

1. 為了您的安全起見，請不要用MT-7051N三合一網路測試器測試交流電。
2. 開啓MT-7051N時若發現電源指示燈不亮或太暗，請更換9V電池。

如何使用MT-7051N三合一網路測試器：

1. 打開電源開關至ON的位置，電源指示燈開始閃爍。
   ("OFF"代表關機；"S"代表低速測試模式)
2. 測試雙絞線時，線路線的一端連接主機(MASTER)，另一端連接遠端測試器(ROMOTE)。
3. 網路連線正常時，訊號燈1~8會陸續亮起，如有訊號燈不亮，表示該Pin為斷路，網路連線交叉時，主機與遠端測試器燈號也會交叉顯示。
4. 測試同軸電纜線時，將主機連到同軸電纜的一端，並將終端電阻連到同軸電纜線的另一端。網路連線正常時，訊號燈"B"會亮起綠燈；若燈號不亮時，網路可能未成功連線，或已發生短路。

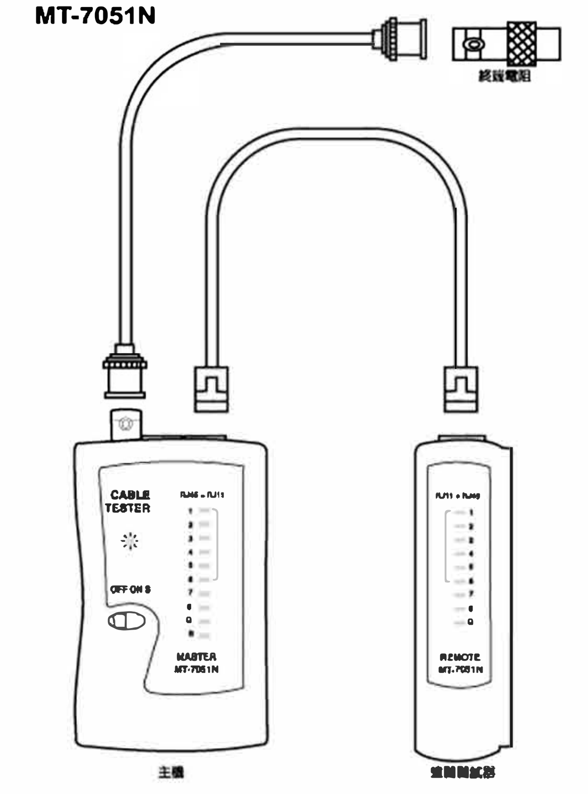
備註：

使用前請確認電池匣中已放置一顆全新9V鹼性電池。

警告：

MT-7051N三合一網路測試器不可用於測試通電回路，不當的使用可能造成危險的電流過量。

MT-7051N



3PK-NT008N
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.

感謝您選購 Pro'sKit® 網路測試器！

Pro'sKit® 網路測試器已被廣泛的使用於跨網路傳呼系統中。本系列產品可以自動檢測出網路線上的斷點、短路、開放或交叉重疊的區域。

在您使用 Pro'sKit® 網路測試器之前，請詳細閱讀本手冊上的操作指示。

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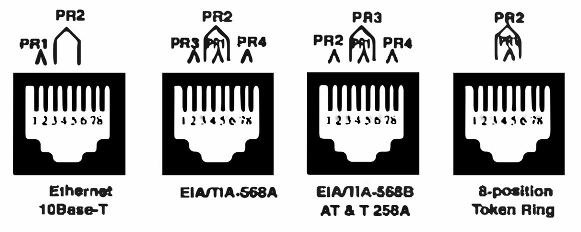
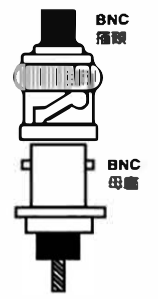
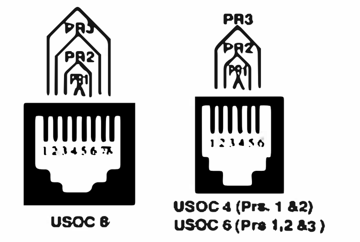
3PK-NT008N
交換式網路線測試器(RJ-45)..19

產品介紹

Pro'sKit® 網路測試器能自動且快速地檢測出Ethernet (BNC/TNC), 10-Base-T(UTP/STP), AT&T 258A, TIA568A/B, Token Ring以及USOC 4/6/8等多種，跨網路線上的斷點、短路、開放或交叉重疊的區域。只要使用隨機搭配的遠端測試器，不論在網路線安裝前或安裝後，都可以隨時操作測試，簡單、快速、又有經濟效益！







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