LPT-KT101
Professional Network Tool Kit.

LPTKT101_SS_ENB01W

Features

- Easy to carry.

- 4 useful tools for the technician:

  - 1 Kröne/110 punch down tool, **LPT-314BK**.

  - 1 RJ45/RJ11 crimp tool, **LPT-5680R**.

  - 1 **LPT-71A**, LANTESTER.

  - 1 **LPT-225C**, cable cutter.

LPT-KT101
Professional Network Tool Kit.

The LanPro Professional Network Tool Kit LP-KT101 is an indispensable tool kit for network installation and maintenance.

It contains 4 useful tools in a convenient internally padded case that will permit the field technician to terminate and test telephonic or Ethernet networking cabling.

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A Kit tools

1 ●

The LanPro **LPT-314BK**, a very durable and reliable tool, also named 110 or Kröne punch down tool, with a traditional design, is a hand-held impact tool that helps the telecommunication technician to terminate structured cabling connectors with insulation displacement like punch down blocks, keystone compatible jacks, or patch panels with IDCs of the 110 or Kröne standard.

Normally used for terminating Ethernet cable with four (4) twisted pairs with solid copper wires or telephone multi-pair cables.

It has an ergonomic and easy to hold handle, an internal adjustable spring loaded impact mechanism. Comes with the blade for better economy (most of the models come without the blade, which must be purchased separately).

Body handle made of resin and fiberglass for outstanding durability. Do not compare to cheaper plastic imitations. It has a high pressure impact capability.

Pressure is adjustable. It also has a convenient storage for additional spare blades.

Extremely rugged and reliable and brightly Colored for easy location on the working place.

How to use:

• Center the wire over the IDC termination panel or jack contact.
• Locate the punch down blade over the wire and contact
• Press the tool until it reaches the bottom of the block. The wire is terminated into the contact and the excess wire is trimmed

2 ●

The **LPT-5680R**, a precise Crimping Tool for RJ45, RJ11, RJ14, and RJ25 Modular Plugs.

The **LPT-5680R** Precision Crimping Tool for 8P8C/RJ45, 6P6C/RJ25, 6P4C/RJ14, and 6P2C/RJ11 modular plugs is a low cost, good quality tool for the amateur and low budget project.

The **LPT-5680R** allows the exact crimping of RJ45 and RJ11, RJ14, or RJ25 modular plugs, with the added benefit of a round cable stripper. It also contains a cutting blade within the body design.

The **LPT-5680R** is ergonomically designed, light weight, compact, with bright-colored orange PVC grips and ratchet locking mechanism for tireless work.

It is easy to locate on the workbench by its color.

Its length: 7.3 inches (185 mm).

How to use:

A.   RJ11, RJ14 and RJ25 telephone plugs.

• Remove the outer jacket from the cable. Do not remove the insulation from the inner conductors.
• For flat cables, slide the wires into the connector. Make sure the wire ends are butting against the very front edge of the connector and that all the wires are located in pairs. (Note: make sure that you are using the proper connectors for your cabletype.Round cable will not work with a flat cable modular plug or viceversa)
• Installa the connector into the "6P" cavity of the tool. Ensure the connector key is facing downward to fit the contour or the crimp area.
• Close the handles down until they reopen
• Crimp is complete. Remove the terminated cable from the tool and proceed with your installation.

B.   RJ45 data plugs

• Remove the outer jacket from the cable. Do not remove the insulation from the inner conductors.
• Arrange the wires in pairs based on the color. Verify the wiring pin-out required for the system. Tipically, pairing is 1-to-1 or paired for pins 1&2, 3&6, 4&5, and 7&8 (EIA Standard). The equipment connecting to the cable determines the wiring pin-out.
• When the wires are arranged for proper pin-out, slide the wire into the connector. Make sure the wire ends are butting against the front edge of the connector.
• Install the connector into the "8P" cavity of the tool. Ensure the connector key is facing downward to fit the contour of the crimp area.
• Close the handles down until they reopen. This actionforces the pins into the wire end engages the strain relief on the cable.
• Crimp is complete. Remove the terminated cable from the tool and proceed with your installation.

3 ●

The LanPro **LPT-71A** LANTESTER for CAT 3, CAT 5e, CAT 6, and CAT 6a LAN networks or telephony is the ideal instrument for a quick checking of the network connections using RJ45(8P8C) / RJ11 (6P2C), RJ14 (6P4C), and RJ25 (6P6C) plugs.

It consists of two separable devices, Master and Remote. Both of them can be at a cable distance of up to 300 m to test LAN network cabling or telephone circuits.

With this LAN network tester you can check continuity and short-circuits that could exist in a cabling section.

LEDs show successively (automatically) the pin to pin connection of the cabling section being tested. In case there is short-circuit, two or more LEDs light up simultaneously. If there is no connection, they do not light up. Furthermore, you can check interconnection cables (patchcords), as well as cables embedded in walls (with the remote unit you can check cables installed in a block or control console at a distance of 300 m). The LPT-71A LAN network LANTESTER finds in just few seconds the most common configuration errors in Ethernet. This tester is very reliable and drop resistant.

How to use:

• Connect the master to one end of the cable(Using a patch cord or coupler and the remote unit at the other end.
• Turn the LanTester on with the upper left switch to the On position if UTP and to the S position if checking FTP (the shield) also.
• The Lantester will show a light sequence at both sides(master and remote) and any discrepancy on the sequence will indicate a potential failure on your cabling.

4 ●

The **LPT-225C** high strength 6.5" wire cutter for up to 0.41"(10.5mm) outer diameter wires

The LPT-225C by LanPro is a very practical and strong wire cutting tool intended for cutting up to 0.41" (10.5mm) outer diameter copper or soft material solid or stranded wires.

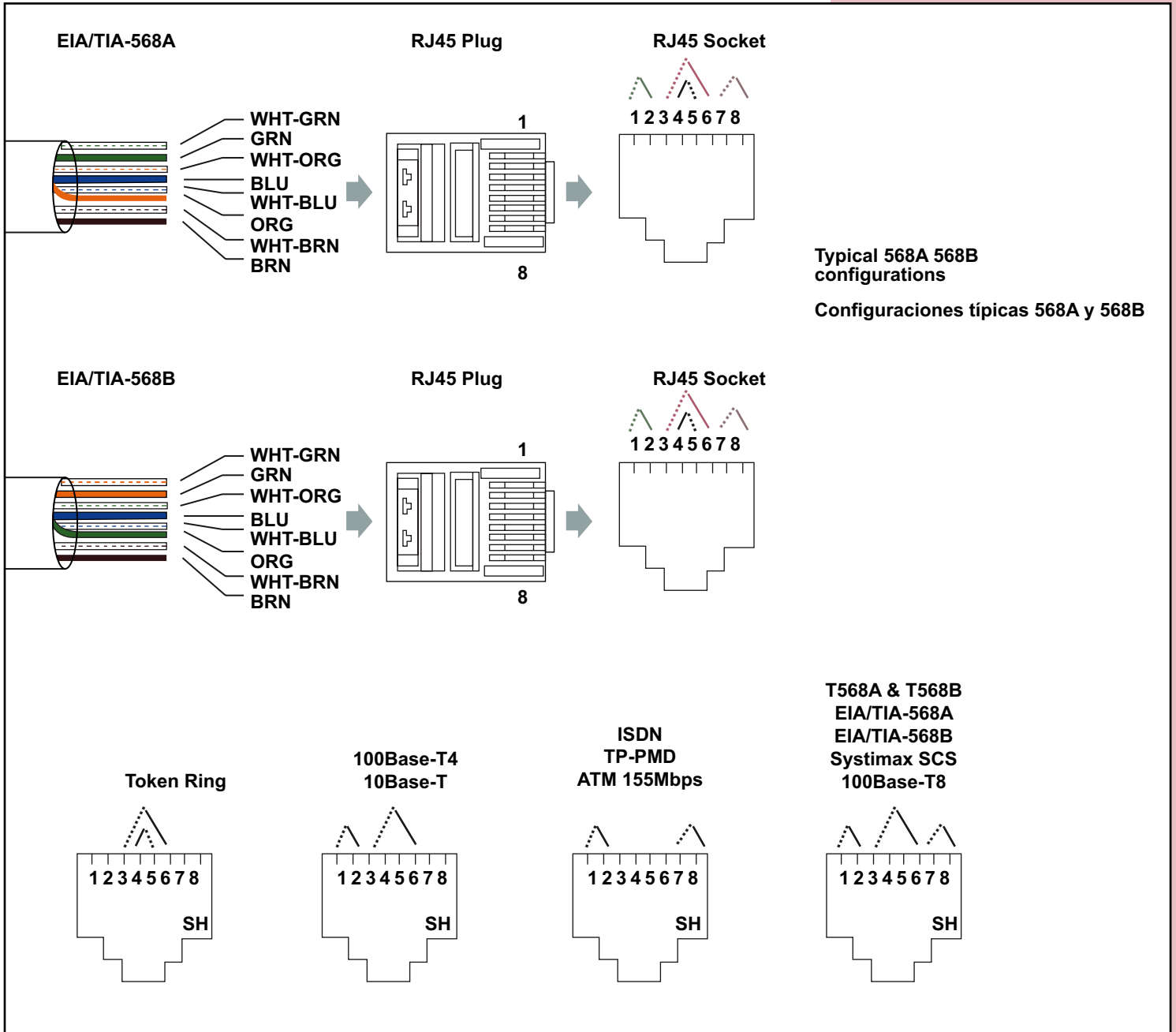The spring loaded mechanism makes it an ergonomic tool, easy to handle and use.

For security, this tool has a latch lever for closing the jaws while it is not used.

Recommended for the telecommunication or electrical technician, is an indispensable tool for working in the field.

How to use:

• Simply open jaws of the cutter and adjust to the length desired of the cable and firmly close the handles to cut the wire.

B Connection Diagrams

EIA/TIA-568A　　　　　RJ45 Plug　　　　　RJ45 Socket

1 2 3 4 5 6 7 8

WHT-GRN
GRN
WHT-ORG
BLU
WHT-BLU
ORG
WHT-BRN
BRN

1

8

Typical 568A 568B configurations

Configuraciones típicas 568A y 568B

EIA/TIA-568B　　　　　RJ45 Plug　　　　　RJ45 Socket

1 2 3 4 5 6 7 8

WHT-GRN
GRN
WHT-ORG
BLU
WHT-BLU
ORG
WHT-BRN
BRN

1

8

Token Ring

1 2 3 4 5 6 7 8

SH

**100Base-T4
10Base-T**

1 2 3 4 5 6 7 8

SH

**ISDN
TP-PMD
ATM 155Mbps**

1 2 3 4 5 6 7 8

SH

**T568A & T568B
EIA/TIA-568A
EIA/TIA-568B
Systimax SCS
100Base-T8**

1 2 3 4 5 6 7 8

SH

C How to order

LP-KT101 Professional Network Tool Kit.

LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.