



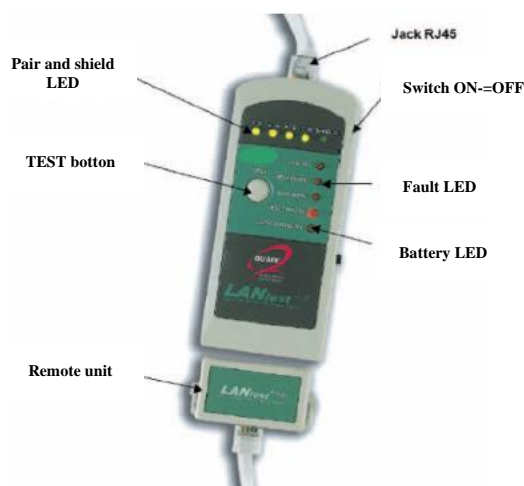
Product Code :	2040039
Description :	LAN TEST

Description

LANtest is a handheld tool that allows network professionals to quickly and easily check the integrity of balanced twisted-pair cables and connections in Ethernet networks. In one step LANtest checks: opens, shorts, reversed pairs, crossed and split pairs in balanced twisted pair cables. Just put the switch in the On position, press the TEST button and LANtest automatically scans the pairs, looking for mistakes and failures. The remote unit allows for an accurate verification of the connections in data networks.

Packaging

- 1 Lanstest
- 1 LANtest REMOTE
- Patch cord RJ45-RJ45
- User manual
- Protective case



Functionality

- It checks the nonconformity of cables, jacks, plugs and connections and detects: opens, shorts, crossed pairs, reversed pairs and split pairs (to identify split pairs it requires a minimum cable length of 40 cm)
- It checks the integrity of the shielding
- The remote identifier allows a precise identification of the causes of anomalies
- Easy to read fault indicator (LED) and very rapid test
- Auto standby mode to reduce power consumption

Batteries

LANtest runs on 4 AAA alkaline batteries of 1.5 volts. The battery LED will light when it detects the condition of low batteries. The use of LANtest with low batteries can affect the accuracy of tests. If LANtest is not used for over a month it's better to remove the batteries.

Recommendations

Do not connect LANtest to active circuits, the 2 units could be damaged. Radio frequency electromagnetic fields of high intensity can cause erroneous readings. Do not open the two units or try to repair them in case of failures. In case of malfunction, return the instrument to a local distributor by filling out the type of fault founded.

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Test procedure

01. Put switch on the right side in the ON position to turn on
02. Connect one end of the cable under test to the RJ45 jack of main LANtest unit
03. Connect the other end of the cable to the RJ45 jack of Remote LANtest unit
04. Press TEST to run the test and display the results
05. The horizontal LEDs indicate the status of the integrity of the cables
Green-> Pairs or shield correct
Blinking green -> Pair or shield not correct
No light -> Open pair or unshielded cable
06. The vertical LEDs indicate link failures, and battery status
The faults detected could be:
 - Shorts
 - Opens
 - Incorrect connections
 - Reversed pairs
 - Split pairs
07. To locate a fault on a specific pair, use the diagnostic feature of LANtest
08. Press and hold TEST for more than 2 seconds; LANtest scans of each pair and the shield, flashing each LED separately. If a fault pair is found, the corresponding error status is indicated by flashing of red LED

Note: Once the tests is finished, snap the Remote unit on LANtest main unit. This configuration allows also to easily test patch cords.

Specifications

Connector	RJ45 on main and remote units
Checking	On pairs 1-2, 3-6, 4-5, 7-8 and shield
Display LED	5 horizontal green LED to indicate the cable pair or shield 5 vertical red LED to indicate the fault type
Cable length	Minimum 40 cm – Maximum 200 mt
Power	4 d.c. alkaline batteries, type AAA 1,5V, on main unit
Dimensions	Main unit 125x52x39 mm Remote unit 47x28x22 mm
Weight	125 g

Fault types

