Data/Link Cable-Check™
#70025

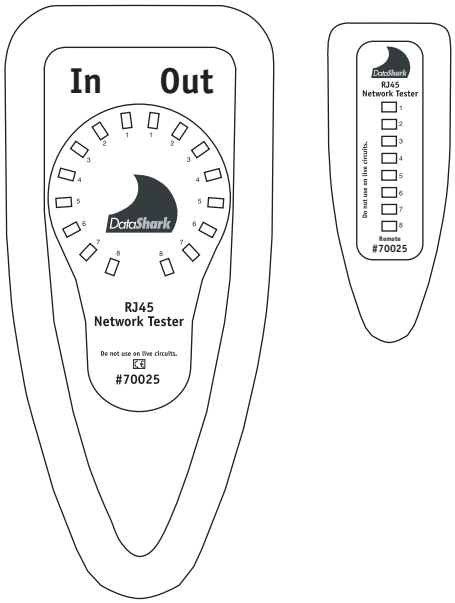
Function

- Continuity tester for UTP and flat satin cables with RJ45 terminations.
- Tests both data and telephone connection schemes including patch cords and installed cables to identify good connections, opens, shorts and cross-connections

Note: will also test RJ11 connections with RJ11 adapter (not included)

Features and Benefits

- Identifies cross-over telephone connections
- Two scan speeds: slow or fast
- 9-volt battery included
- Two (2) RJ45 patch cords included
- Contained in a durable nylon carrying case with belt loop



Operating Instructions:

Testing Cables for Pin-out Wiring Configuration (Cable Mapping):

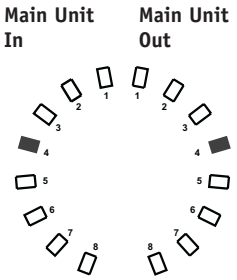
1. To test local patch cables, connect the cable between the RJ45 sockets on the top side of the main test unit labeled “In” and “Out”.
2. To test installed cables, use a patch cable to connect the main test unit RJ45 “Out” socket to the wall jack. Use a patch cable to connect the remote unit to the wall jack or hub at the opposite end of the cable.
3. Turn the main unit “on/off” switch to the “on” position. Select the “fast” or “slow” scan speed using the switch located on the left side of the tester.
4. Read the lights for pins 1 through 8 on the main unit for patch cables, or for installed cables use the LEDs on the main unit and remote to determine connections through the cable.
5. Refer to test examples on reverse for determining cable faults.

Technical Nitty Gritty

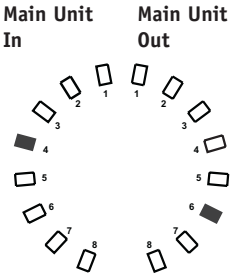
Weight	12 oz. (34 g.)
Main Unit Dim.	5.50” L x 2.54” W x 1.61” D
	140 mm x 64.5 mm x 41 mm
Remote Unit Dim.	2.93” L x 1.13” W x 0.86” D
	74.4 mm x 28.7 mm x 21.9 mm
Output (Main Unit)	9Vdc Nominal at 10mA max.
Connection Type	RJ45 UTP Modular Plug
Battery	9Vdc
Battery Life	15 hours continuous use
Max. Cable Length	1,650 Feet (500 meters)

Patch Cable Testing

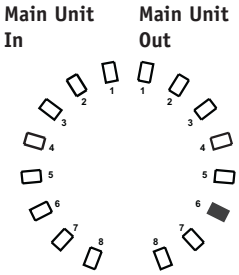
Good Connection
Pin 4-to-Pin 4



Cross Connection
Pin 6-to-Pin 4



Open Connection
Pin 6

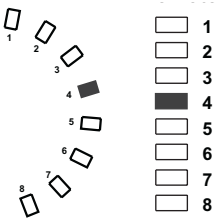


Sample Test Results:

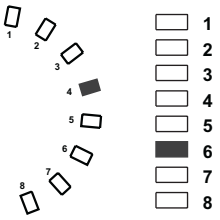
RJ45 in Lights	Cable Fault
1 2 3 4 5 6 7 8	None, Cable wired correctly
2 1 3 4 5 6 7 8	Conductors 1 & 2 Reversed
1 2 & 3 2 & 3 4 5 6 7 8	Conductors 2 & 3 are Shorted
1 2 3 - 5 6 7 8	Conductor 4 is Open
1 2 4 3 6 5 7 8	Pair 3/6 is Transposed with Pair 4/5
1 2 3 7 5 6 4 8	Conductors 4 & 7 are switched
1 2 3 4 5 6 7 -	Conductor 8 is Open

Installed Cable Testing

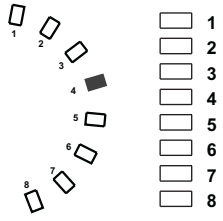
Good Connection
Pin 4-to-Pin 4



Cross Connection
Pin 4-to-Pin 6



Open Connection
Pin 4



Sample Test Results:

Remote Lights	Cable Fault
1 2 3 4 5 6 7 8	None, cable wired correctly
2 1 3 4 5 6 7 8	Conductors 1 & 2 reversed
1 2 & 3 2 & 3 4 5 6 7 8	Conductors 2 & 3 are shorted
1 2 3 - 5 6 7 8	Conductor 4 is open
1 2 4 3 6 5 7 8	Pair 3/6 is transposed with Pair 4/5
1 2 3 7 5 6 4 8	Conductors 4 & 7 are switched
1 2 3 4 5 6 7 -	Conductor 8 is open

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