FLUKE *networks*®

Cable IQ™ Qualification Tester - Inside wiring/coax qualification tester

Overview

The CableIQ™ Qualification Tester is the first of its kind designed for residential applications. It quickly qualifies residential cabling systems to support voice, CATV, 10/100/1000 Ethernet, and VoIP. It replaces multiple tools for testing and troubleshooting all voice, data, and coax wiring. Built-in TDR graphically shows distance to faults (e.g., pin 1 break at 37 feet) and can be used to map and ID tag a bridged telco system. Its professional documentation capabilities help to eliminate callbacks and workmanship disputes. Lightweight, rugged, reliable unit requires no training to get started.


The CableIQ™ Qualification Tester from Fluke Networks

Qualifies residential cabling systems to support CATV, 10/100/1000 Ethernet, voice and VoIP. Tests and troubleshoots all coax, data, and voice wiring. Graphically maps wiring configuration and shows distance to faults with built-in TDR. Locates and traces cables with IntelliTone™ digital signaling technology. Reduces installation costs by eliminating callbacks and disputes. Includes software for managing and printing professional test reports. Documents that cabling systems were installed properly and will perform reliably.

Coax cable testing

Now there's a multifunctional tester for all home cabling media. With the prominence of coax in the home, you need a tool that can quickly and easily test quality of coax cabling, and verify whether video outlets are live or not. The CableIQ™ Qualification
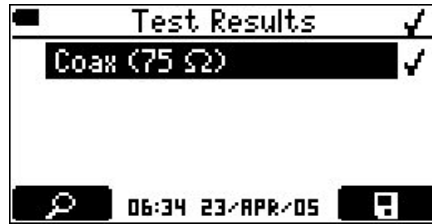
Tester gives you several ways to test coax cabling: Figure 1. Quickly qualify coax cabling for video/CATV applications with four-second autotest.

Intelligent wiremap

The CableIQ™ Tester's "intelligent wiremap" feature tests for length, shorts, split pairs, or opens and displays with an intuitive graphical interface where a fault is located. Unlike other testers that just show a series of numbers for a wiremap, the unit displays an easy-to-read graph with distance to faults proportional to the cable length. It also identifies breaks and shorts by pin, rather than by pair. This dramatically reduces the time to locate and troubleshoot a poorly terminated jack, or a break in

the middle of a cable. Figure 2. Measure length, verify continuity, and measure the distance to shorts and breaks.
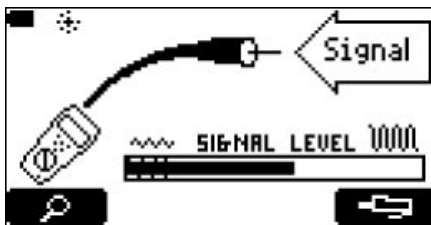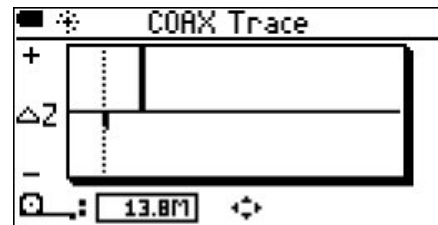

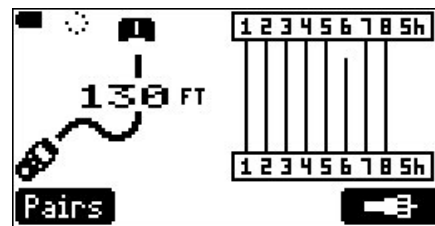Figure 3. Detect CATV video signal.

Figure 4. Run

a coax TDR trace to see where large impedance changes are located. Figure 5. CableIQ tester's "intelligent wiremap"shows pin 6 open at far end of tested cable (130 feet/34 meters).

Telephone wire test

through feature for residential cable testing. Smart cable identifiers give the unique ability to wiremap star wiring configurations often found in residential voice systems. Wiremap faults and ID number (up to seven) of any jack can be seen from the main
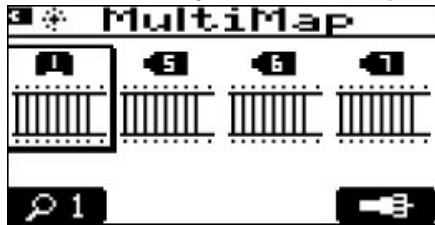
unit, all at once. Figure 6. CableIQ tester's "multi-map" shows wiremap and ID# of up to seven voice outlets at once.
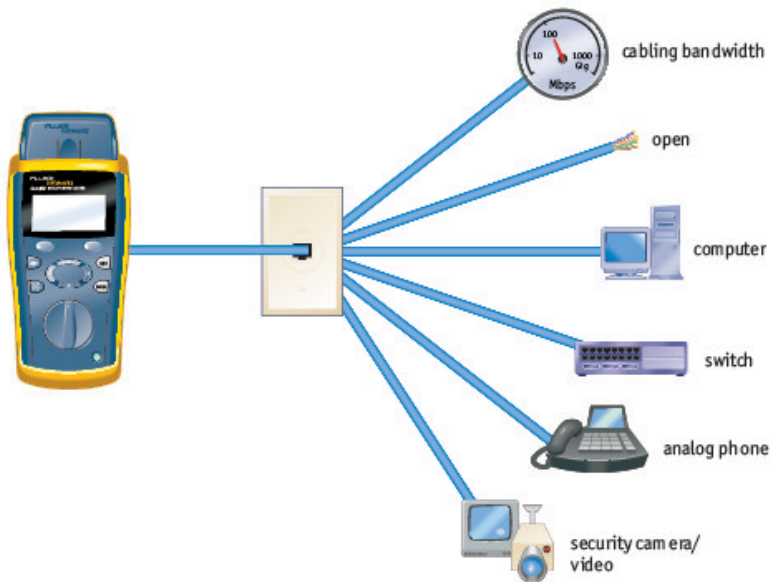
About Fluke Networks

Fluke Networks is the worldwide leader in certification, troubleshooting, and installation tools for professionals who install and maintain critical network cabling infrastructure. From installing the most advanced data centers to restoring service in the worst weather, our combination of legendary reliability and unmatched performance ensure jobs are done efficiently. The company's flagship products include the innovative LinkWare™ Live, the world's leading cloud-connected cable certification solution with over fourteen million results uploaded to date.

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Descriptions, information, and viability of the information contained in this document are subject to change without notice.

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