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Data Sheet

August 13, 2026

FLUKE NETWORKS

Fluke Networks CIQ-100 CableIQ Qualification Tester

The Fluke Networks CIQ-100 CableIQ Qualification Tester is a network cable tester. It quickly discovers whether an existing cable is suitable for voice, 10/100 Ethernet, VoIP, or Gigabit Ethernet. Features include cable troubleshooting, cable diagnostics, and bandwidth qualification.



MODEL

**Fluke Networks
CIQ-100**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CIQ-100

LISTING

<https://aumictechlabs.com/products/ciq-100-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke Networks CIQ-100 CableIQ Qualification Tester is a handheld cable qualification and troubleshooting instrument designed for network technicians to assess existing copper cabling infrastructure rapidly. The device delivers comprehensive bandwidth qualification in approximately four seconds, determining support for voice, 10/100 Ethernet, VoIP, and Gigabit Ethernet (1000BASE-T) applications. It combines cable qualification with advanced diagnostic capabilities to identify performance faults including insertion loss, crosstalk, noise, and impedance issues. Technical Specifications Cable Qualification Autotest function qualifies cabling for voice, 10/100 Ethernet, Gigabit Ethernet (1000BASE-T), and VoIP Test duration: approximately 4 seconds Performance metrics: 10 Meg, 100 Meg, and 1 Gig network capacity assessment Diagnostics and Fault Location Graphical wiremap displays wiring configuration, opens, shorts,

and split pairs with distance-to-fault reporting Distance to fault: reports precise location of opens and shorts on individual conductors Advanced diagnostics identify insertion loss, crosstalk, noise issues, and impedance faults Single wire fault detection with proportional wire length representation Split pair identification Network Operations Live network operation capability Ethernet switch detection and active device identification Device configuration display including speed and duplex settings Ethernet port detection and identification Unused switch port identification Cable Media Support Twisted-pair cabling Coax cabling Audio cablesKey Features IntelliTone digital signaling technology for cable tracing and location (compatible probe required) CableIQ Reporter software for result documentation and PC upload 4 AA battery power Essential accessories includedTypical Applications Network infrastructure qualification, copper cabling troubleshooting, bandwidth capacity verification, fault location and diagnosis, live network testing, and switch port allocation management.Compatibility & Integration CableIQ Reporter software enables data management and professional documentation.

Features & description

From manufacturer datasheet

Features

- Qualification autotests through Gigabit Ethernet
- Intelligent wiremap with MultiMap remote IDs
- Crosstalk/impedance find-fault diagnostics
- Digital and analog toner
- USB results transfer; stores 250 tests

Applications

- Qualify installed copper for 10/100/1000/VoIP
- Troubleshoot wiremap, length, and bandwidth-limiting faults
- Industrial Ethernet and coax/audio/security cable checks
- Locate cables with IntelliTone digital toning

CIQ100 Characteristics / Specifications

PARAMETER	VALUE
Model	CIQ-100
Manufacturer	Fluke Networks
Instrument Type	Cable Qualification Tester
Alias	CIQ-100; CableIQ; Fluke Networks CIQ-100
Cable types	UTP, STP, FTP, SSTP, RG6, RG59, audio, security
Qualification autotests	1000BASE-T, 100BASE-TX, 10BASE-T, VoIP, 1394b S100, TELCO, Wiremap only, Coax
Supported tests	Wiremap, length, signal performance, digital/analog toner, Ethernet port ID, telco detect, blink port, continuity, speaker, fault find, video detect
Length range (twisted pair)	300 m (1000 ft)
Length resolution	0.1 m (0.1 ft)
Length typical accuracy	+/-4% or 2 ft (whichever greater); NVP uncertainty additional
Signal performance bandwidth	1-100 MHz crosstalk and return loss class
Results storage	up to 250 qualification tests
Autotest speed	about 4 seconds typical
Battery	4 AA alkaline; 20 hours typical without backlight
Dimensions	7 × 3.5 × 1.75 in (17.8 × 8.9 × 4.5 cm)
Weight	1.2 lb (0.55 kg)
Interface	USB mini-B
MultiMap remotes	up to 7 remote office identifiers Notes Specs from Fluke Networks CableIQ datasheet/manual. CIQ-KIT adds IntelliTone probe and extra remote IDs.
Bandwidth	for Ethernet applications through 1000BASE-T, plus VoIP, coax, and telco workloads. It measures wiremap, length, crosstalk/impedance signal performance, and supports digital/analog toning and port detection.
Return loss	class

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.