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Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa AQ1200C 1650nm OTDR Multi Field Tester

Optical Connector: SC/FC (2.5 mm ferrule) Distance Measurement Accuracy: per Yokogawa AQ1200 specification at 23 degC Sampling Points Max: per AQ1200 family Group Refractive Index: 1.30000 to 1.79999 (0.00001 steps) Specs from Yokogawa AQ1200 Multi Field Tester datasheet and press materials. AQ1200C is discontinued; successor family is AQ1210. Confirm installed options (/OPM, /VLS, /LAN, /PN). Distance Measurement Accuracy: per Yokogawa AQ1200 specification at 23 degC Sampling Points Max: per AQ1200 family Group Refractive Index: 1.30000 to 1.79999 (0.00001 steps) Specs from Yokogawa AQ1200 Multi Field Tester datasheet and press materials. AQ1200C is discontinued; successor family is AQ1210. Confirm installed options (/OPM, /VLS, /LAN, /PN).



MODEL

**Yokogawa
AQ1200C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ1200C

LISTING

[https://aumictechlabs.c
om/products/aq1200c-
2/](https://aumictechlabs.com/products/aq1200c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Yokogawa AQ1200C is a handheld Optical Time Domain Reflectometer (OTDR) multi-field tester engineered for installation and maintenance of optical fiber cables. Operating at 1650 nm, this compact instrument delivers OTDR measurements, optical power metering, and light source functions in a single platform. Built for field efficiency, it simplifies testing workflows while

maintaining measurement reliability across diverse fiber network deployments. Technical Specifications Wavelength: 1650 nm Event Dead Zone: As low as 0.75 m, enabling accurate resolution of closely spaced connectors in FTTx, residential, and commercial networks. Interfaces: USB Type B (mini USB) USB Type A LAN (10BASE-T / 100BASE-TX) for PING test and PC remote control Physical Design: Compact, lightweight handheld form factor. Key Features OTDR Measurement: Full optical fiber performance analysis with simultaneous trace and event display. PON Optimization: Designed for Passive Optical Networks with high-port-count optical splitters, maintaining waveform quality despite significant splitter loss. Dual-Function Light Source & Power Meter: Operates independently; light source transmits wavelength information enabling correct-wavelength measurements at the receiving end. Auto Loss Test: Automated control of light source and optical power meter for streamlined loss measurement. Fault Locator: Rapid fault detection and localization. Data Storage & Reporting: Internal storage plus external USB media support. CSV-format report generation. Fiber Connector Inspection: USB-compatible probe display for connector analysis. PC Control: Ethernet or USB remote operation via PC. Display & Interface: Bright LCD screen with multi-language support, full auto mode for novice users, information tips for experienced technicians, quick power-on. Typical Applications FTTx network installation and maintenance, passive optical network deployment, fiber cable loss characterization, connector performance verification. Compatibility & Integration Measurement data loads to PC via USB storage for analysis with Yokogawa AQ7932 application software, which provides trace analysis and report generation capabilities.

Features & description

From manufacturer datasheet

Features

- Wavelengths: 1650 nm (live fiber maintenance)

AQ1200C Characteristics / Specifications

PARAMETER	VALUE
Model	AQ1200C
Manufacturer	Yokogawa
Instrument Type	Optical Time Domain Reflectometer
Series	AQ1200 Multi Field Tester
Wavelengths	1650 nm (live fiber maintenance)
Dynamic Range Typical	33 dB
Event Dead Zone	<= 0.8 m
Attenuation Dead Zone Typical	5/5 m
Distance Range	500 m to 200 km (model dependent)
Pulse Width Settings	3 ns to 10 us
Applicable Fiber	SM (ITU-T G.652)
Optical Connector	SC/FC (2.5 mm ferrule)
Distance Measurement Accuracy	per Yokogawa AQ1200 specification at 23 degC Sampling Points Max: per AQ1200 family
Display	5.7-inch color LCD, 640 × 480
Dimensions	217.5 W x 157 H x 74 D mm
Weight	approximately 1 kg
Battery Operation	approximately 6 hours
Laser Class	Class 1M (IEC 60825-1)
USB Interface	TYPEA x 1; TYPEBmini x 1
Alias	AQ1200C
Group Refractive Index	1.30000 to 1.79999 (0.00001 steps) Notes Specs from Yokogawa AQ1200 Multi Field Tester datasheet and press materials. AQ1200C is discontinued; successor family is AQ1210. Confirm installed options (/OPM, /VLS, /LAN, /PN).
Dynamic range class	Standard Dynamic Range
Attenuation	Dead Zone Typical: 5/5 m

AQ1200C Specifications

PARAMETER	VALUE
Yokogawa AQ1200C Multi Field Tester OTDR	Overview
Key Features	- Wavelengths: 1650 nm (live fiber maintenance)
Technical Specifications	Model: AQ1200C

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.

Specifications	
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Specifications

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Laser Class	Class 1M (IEC 60825-1)

USB Interface: TYPEA x 1; TYPEBmini x 1

Optional PON Mode: /PN suffix

Optional Ethernet: /LAN suffix

Alias: AQ1200C

Group Refractive Index: 1.30000 to 1.79999 (0.00001 steps)

Notes

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Laser Safety

Class 1M (IEC 60825-1)

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

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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.