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Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa AQ1200B 1625nm 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. AQ1200B 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. AQ1200B is discontinued; successor family is AQ1210. Confirm installed options (/OPM, /VLS, /LAN, /PN).



MODEL

**Yokogawa
AQ1200B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ1200B

LISTING

<https://aumictechlabs.com/products/aq1200b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Yokogawa AQ1200B is a handheld OTDR designed for installation, maintenance, and troubleshooting of optical fiber networks operating at 1625 nm. Its dedicated maintenance wavelength with built-in cut filter enables live network measurements while isolating the test signal from communication wavelengths. The instrument combines precision loss measurement,

return loss analysis, and PON system capability in a compact, field-ready package.

Technical Specifications

Wavelength: 1625 nm Event Dead Zone: ≤ 0.8 m Loss Measurement Accuracy: ± 0.05 dB/dB (≤ 1 dB measured loss: ± 0.05 dB) Loss Resolution: 0.001 dB minimum; displays one-way loss to 5 digits Vertical Scale Options: 0.2 dB/div, 0.5 dB/div, 1 dB/div, 2 dB/div, 5 dB/div, 7.5 dB/div Return Loss Measurement: Fiber cable and arbitrary point-to-point analysis PON System Measurement: Support up to 64 ports Optical Power Meter: Integrated with selectable measurement modes Continuous Wave (CW) Output: Available Visible Light Source (VLS): Optional Data Storage: Internal memory plus USB media support Report Format: CSV export

Key Features

Live fiber maintenance with 1625 nm wavelength isolation from communication bands Sub-meter event dead zone (≤ 0.8 m) for accurate splice and connector detection Per-unit-length loss and splice loss measurement between arbitrary trace points Splice loss and return loss analysis on PON networks up to 64 ports post-splitter LCD display with backlight and intuitive control interface (soft keys, rotary knob, arrow/enter keys) Handheld design with bumper protection and hand belt Operating environment: $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ nominal

Interfaces & Connectivity

LAN: 10BASE-T / 100BASE-TX USB Type B (Mini): PC connection and remote control USB Type A: External storage and accessory connection DC Power Connector: External power input Optical Power Meter Port: OPM module integration

Typical Applications

Fiber span characterization during cable installation Live network maintenance and fault location PON deployment verification and troubleshooting. Splice and connector loss validation.

Features & description

From manufacturer datasheet

Features

- Wavelengths: 1625 nm (live fiber maintenance)

AQ1200B Characteristics / Specifications

PARAMETER	VALUE
Model	AQ1200B
Manufacturer	Yokogawa
Instrument Type	Optical Time Domain Reflectometer
Series	AQ1200 Multi Field Tester
Wavelengths	1625 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	AQ1200B
Group Refractive Index	1.30000 to 1.79999 (0.00001 steps) Notes Specs from Yokogawa AQ1200 Multi Field Tester datasheet and press materials. AQ1200B 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

AQ1200B Specifications

PARAMETER	VALUE
Yokogawa AQ1200B Multi Field Tester OTDR	Overview
Key Features	- Wavelengths: 1625 nm (live fiber maintenance)
Technical Specifications	Model: AQ1200B

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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USB Interface: TYPEA x 1; TYPEBmini x 1

Optional PON Mode: /PN suffix

Optional Ethernet: /LAN suffix

Alias: AQ1200B

Group Refractive Index: 1.30000 to 1.79999 (0.00001 steps)

Notes

Specs from Yokogawa AQ1200 Multi Field Tester datasheet and press materials. AQ1200B is discontinued; successor family is AQ1210. Confirm installed options (/OPM, /VLS, /LAN, /PN).

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

Aumictech
788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.