

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ANRITSU

Anritsu S810D – Broadband Site Master, 25 MHz to 10.5 GHz, Built-In DTF

The Anritsu S810D Site Master is a handheld cable and antenna analyzer engineered for field installation, verification, troubleshooting, and repair of microwave communication systems. Operating from 25 MHz to 10.5 GHz (extendable to 2 MHz with optional low-frequency module), it delivers 1-port vector error-corrected measurements with corrected directivity ranging from ≥ 42 dB below 5 GHz to ≥ 32 dB above 15 GHz. The instrument combines Distance-to-Fault (DTF) capability with Frequency Domain Reflectometry (FDR) for precise cable and component characterization. Compatibility & Integration Serial USB-RS232 interface enables data transfer and comparative analysis with external computing systems. Aumictech offers NIST-traceable calibration and repair for the Anritsu S810D. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Anritsu S810D is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.



MODEL

Anritsu S810D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

S810D

LISTING

<https://aumictechlabs.com/products/s810d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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Technical Specifications

Frequency Range Standard: 25 MHz to 10.5 GHz With low-frequency extension: 2 MHz to 10.5 GHz

Measurement Parameters

Return Loss: 0.00 to 60.00 dB (0.01 dB resolution) VSWR: 1.00 to 65.53 (0.01 resolution) Coax/Waveguide Insertion Loss: 0.00 to 30.00 dB (0.01 dB resolution) Distance-to-Fault and Frequency Domain Reflectometry

Performance

Measurement directivity: ≥ 42 dB corrected (< 5 GHz), ≥ 36 dB corrected (15 GHz) after calibration Sweep speed: ≤ 2 sec/sweep at 517 data points (CW ON); ≤ 4 sec/sweep (CW OFF) Data points: 130, 259, or 517 selectable Display TFT LCD, 640×480 resolution Direct sunlight viewable with adjustable backlight Power Battery operation: up to 1.5 hours continuous from field-replaceable battery External 12.5 Vdc operation supported Connectors Standard: K(f) Optional: N(f) with Option 11N

Key Features

Ruggedized, lightweight compact housing with high-impact construction Weather-resistant seals and rubber membrane keypad Vector error correction improves measurement accuracy and reduces maintenance costs Sweep data logging and PC interface via USB-RS232 serial connection

Typical Applications

Cable and connector verification in installed systems Antenna matching and return loss analysis Transmission line fault location and characterization Microwave component testing and commissioning

Compatibility & Integration

Serial USB-RS232 interface enables data transfer and comparative analysis with external computing systems.

Features & description

From manufacturer datasheet

Technical Specifications

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Specifications

Parameter	Value
Frequency Range	25 MHz to 10.5 GHz (standard) 2 MHz to 10.5 GHz (with low-frequency extension option)
Voltage / Current Range	12.5 Vdc external power

Anritsu S810D — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Anritsu S810D. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values [Request Calibration](#) → [Request Repair Quote](#) →

Anritsu S810D price

This Anritsu S810D is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Anritsu S810D calibration cost

NIST-traceable calibration for the Anritsu S810D is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Cable and connector verification in installed systems Antenna matching and return loss analysis
Transmission line fault location and characterization Microwave component testing and commissioning
Compatibility & Integration Serial USB-RS232 interface enables data transfer and comparative analysis
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Unit notes

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S810D Specifications

PARAMETER	VALUE
Frequency Range	25 MHz to 10.5 GHz (standard)
2 MHz to 10.5 GHz (with low-frequency extension option) Voltage / Current Range	12.5 Vdc external power

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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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

Request Calibration → Request Repair Quote →

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Anritsu S810D calibration cost

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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

788 S 500 E, Pleasant Grove, UT 84062
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<https://aumictechlabs.com>

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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.