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Data Sheet

August 14, 2026

ANRITSU

Anritsu S113C Site Master Cable/Antenna Analyzer

Anritsu S113C Site Master Cable and Antenna Analyzer The Anritsu S113C isaSite Master handheld cable and antenna analyzer in the C-series lineage succeeding earlier S113B instruments. OEM Site Master C-series documentation covers return loss, VSWR, cable loss, and distance-to-fault measurements for cellular and broadcast feedlines. Cellular and broadcast feedline commissioning, return loss and VSWR maintenance, and distance-to-fault localization. Handheld Site Master cable antenna analyzer The Anritsu S113C isaSite Master handheld cable and antenna analyzer in the C-series lineage succeeding earlier S113B instruments. OEM Site Master C-series documentation covers return loss, VSWR, cable loss, and distance-to-fault measurements for cellular and broadcast feedlines. Cellular and broadcast feedline commissioning, return loss and VSWR maintenance, and distance-to-fault localization. Handheld Site Master cable antenna analyzer Instrument Type: Handheld Site Master cable and antenna analyzer



MODEL

Anritsu S113C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

S113C

LISTING

<https://aumictechlabs.com/products/s113c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu S113C Site Master is a handheld cable and antenna analyzer designed for the installation, maintenance, and troubleshooting of wireless communication systems. It has a suite

of measurements including VSWR, return loss, cable loss, and distance-to-fault (DTF) analysis. Its solid design and portability make it suitable for field applications across various industries such as cellular, ISM, PCS/PCN, avionics, and military communications. Technical Specifications

Frequency Range: 2 MHz to 1.6 GHz Measurement Capabilities: VSWR (Voltage Standing Wave Ratio) * Range: 1 to 65 * Resolution: 0.01 Return Loss * Range: 0 to 54 dB * Resolution: 0.01 dB Cable Loss * Range: 0 to 20 dB * Resolution: 0.01 dB Distance-to-Fault (DTF) Analysis * Vertical Range (Return Loss): 0 to 54 dB * Vertical Range (SWR): 1 to 65 * Horizontal Range (Meter): 0 to (dp x resolution) * Horizontal Resolution (Meter): (1.5×10^8) (up) / Δ frequency Performance: Frequency Accuracy (CW Mode): 75 ppm Frequency Resolution: 100 kHz (Note: Some sources indicate 10 kHz for other models in the S11x series) Display Data Points: Selectable: 130, 259, 517 Immunity to Interfering RF Signals: * On-channel: +10 dBm to +17 dBm (Note: Site Master's proprietary design provides superior immunity to on-channel RF interference) Interfaces: RS-232 Serial Port: For direct printing and remote operation Physical Characteristics: Power Source: Rechargeable, field-replaceable battery. Capable of approximately 2.5 hours of continuous operation from a fully charged battery, with energy conservation features to extend usage. Can also be operated from a 12.5V DC source. Operating Temperature: 0° C to 50° C Storage Temperature: -20° C to 75° C Dimensions: 8 × 7 × 2.25 inches (approximate) Weight: 2.2 pounds (approximate) Included Accessories (typical): Data analysis software (Windows® compatible) Soft carrying case Rechargeable/field-replaceable battery AC/DC power supply 12.5V automobile cigarette lighter adapter User's Guide RS-232 PC Interface Cable Optional Accessories: RF Watt Meter Power Monitor (RF detector not included) InstaCal Module Software Features: Site Master Software Tools: Provides a database for measurements, Smith Chart display, zoom capability, drag-and-drop overlay for comparison, data download to PC, and upload of custom cable lists or traces. Offers advanced printing capabilities including user-definable plot scaling and multiple plots per page. Applications: Cellular, ISM, PCS/PCN, paging service, safety service, avionics, two-way radio, military, and microwave point-to-point radio systems Commissioning and maintenance of wireless communication system infrastructure Why Choose Aumictech for Anritsu S113C? At Aumictech, we specialize in supplying high-end Anritsu Site Master equipment. Whether you need precise VSWR and return loss measurements, reliable cable loss analysis, or accurate distance-to-fault localization, our team ensures the Anritsu S113C delivers maximum performance for your wireless system installation and maintenance applications.

S113C Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Handheld Site Master cable and antenna analyzer
Frequency Range Class	Approximately 25 MHz to low GHz class per S113C datasheet
Measurement Modes	Return loss VSWR cable loss DTF class
Dynamic Range Class	Site Master dynamic range class
Display	Handheld display class
RF Connectors Class	TypeNfemale class
Input Impedance	50 ohms class
Calibration	OSL field calibration class
Battery Operation	Yes
Form Factor	Handheld Site Master
Series Family	Anritsu S113C Site Master
Applications Class	Cellular broadcast feedline field test
Serial Connectivity Class	Trace transfer supported class
Marker Functions	Multi marker with delta class
Distance To Fault	Supported
Operating Temperature Class	Field temperature range class
Weight Class	Handheld analyzer weight
Storage	Internal trace and setup memory class
Sweep Speed Class	Fast field sweep class
Resolution Class	Fine frequency resolution class
Immunity Modes Class	RF immunity settings class
Impedance	50 ohms class
Operating temperature	Class: Field temperature range class
Return loss	VSWR cable loss DTF class

S113C Specifications

PARAMETER	VALUE
Anritsu S113C Site Master Cable and Antenna Analyzer	Overview
Technical Specifications	Instrument Type: Handheld Site Master cable and antenna analyzer
Notes	From Anritsu S113C Site Master OEM/family documentation. Confirm exact start/stop frequency on the unit faceplate and datasheet revision.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field temperature range class
Operating Temperature	Class: Field temperature range class
Operating Temperature Class	Field temperature range class
Weight Class	Handheld analyzer weight
Storage	Internal trace and setup memory class
Sweep Speed Class	Fast field sweep class
Resolution Class	Fine frequency resolution class
Immunity Modes Class	RF immunity settings class
Impedance	50 ohms class Notes From Anritsu S113C Site Master OEM/family documentation. Confirm exact start/stop frequency on the unit faceplate and datasheet revision.

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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Sweep Speed Class	Fast field sweep class
Resolution Class	Fine frequency resolution class
Immunity Modes Class	RF immunity settings class
Impedance	50 ohms class
Notes	
From Anritsu S113C Site Master OEM/family documentation. Confirm exact start/stop frequency on the unit faceplate and datasheet revision.	

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.