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Data Sheet

August 14, 2026

ANRITSU

Anritsu S361E Site Master Handheld Cable and Antenna Analyzer; 2 MHz to 6 GHz

The Anritsu S361E isaSite Master handheld cable and antenna analyzer covering 2 MHz to 6.0 GHz without built-in spectrum analyzer. Extended frequency feedline commissioning, return loss VSWR maintenance, distance to fault localization, and field cable loss verification to 6 GHz. Instant calibration and fast sweep workflow. Optional two port transmission measurement.

Option 21 Anritsu S361E Site Master Cable and Antenna Analyzer. The Anritsu S361E isaSite Master handheld cable and antenna analyzer covering 2 MHz to 6.0 GHz without built-in spectrum analyzer. Extended frequency feedline commissioning, return loss VSWR maintenance, distance to fault localization, and field cable loss verification to 6 GHz. Instant calibration and fast sweep workflow.



MODEL Anritsu S361E	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU S361E	LISTING https://aumictechlabs.com/products/s361e-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu S361E Site Master is a handheld cable and antenna analyzer that delivers comprehensive field diagnostics across 2 MHz to 6 GHz. Purpose-built for wireless infrastructure deployment, maintenance, and fault isolation, the S361E combines single-port and optional dual-port transmission measurements with an integrated spectrum analyzer and optional power meter in a portable 2.71 kg platform. Field technicians deploy it for real-time return loss, VSWR, cable

loss, and distance-to-fault analysis using Frequency Domain Reflectometry (FDR) technology.

Technical Specifications

Frequency and Measurement Range: Operating frequency: 2 MHz to 6 GHz Cable and antenna measurements: Return Loss, VSWR, Cable Loss, Distance-to-Fault, 1-Port Phase, Smith Chart Spectrum analyzer DANL: -152 dBm (10 Hz RBW) Spectrum analyzer phase noise: Better than -100 dBc/Hz at 10 kHz offset (1 GHz) Spectrum analyzer dynamic range: Greater than 95 dB (10 Hz RBW) Power meter accuracy (optional): ± 0.16 dB (50 MHz to 6 GHz) Physical and Display: Dimensions: 273 mm $\times$ 199 mm $\times$ 91 mm Weight: 2.71 kg Display: 8.4-inch resistive touchscreen, daylight viewable Warm-up time: Less than 5 minutes Battery life: Approximately 4 hours Calibration and Configuration: Calibration standards: OSL (Open-Short-Load), InstaCal™, FlexCal™ broadband Internal bias tee: 32 V (2-Port option) Key Features Frequency Domain Reflectometry (FDR) for precise distance-to-fault location Spectrum analysis with field strength, occupied bandwidth, channel power, ACPR, and C/I ratio measurements AM/FM/SSB demodulation capability Interference analyzer and on-screen interference/coverage mapping Internal memory: Approximately 2000 traces or setups USB connectivity; optional Ethernet (Option 0411) for remote access Typical Applications Transmission line and feeder cable characterization Antenna VSWR and return loss verification Cable fault location and characterization Spectrum monitoring and interference identification Channel power and adjacent channel power ratio measurement Compatibility and Integration Master Software Tools (MST) for trace capture and analysis Line Sweep Tools (LST) for post-processing PIM traces easyTest Tools (eTT) for on-screen work instructions easyMap Tools (EMT) for geo-referenced mapping Wireless Remote Tools™ for remote monitoring Optional GPS receiver for time and location stamping

S361E Characteristics / Specifications

PARAMETER	VALUE
Cable Antenna Frequency Range	2 MHz to 6 GHz
Cable Antenna Frequency Accuracy	less than or equal to plus or minus 2.5 ppm at 25 C
Cable Antenna Frequency Resolution Low Immunity	1 kHz
Cable Antenna Frequency Resolution High Immunity	100 kHz
Return Loss Measurement Range	0 dB to 60 dB
Return Loss Resolution	0.01 dB
Return Loss Measurement Speed Typical	less than or equal to 1.00 ms per data point RF immunity low
DTF Vertical Range Return Loss	0 dB to 60 dB
DTF Vertical Range VSWR	1:1 to 65:1
DTF Horizontal Range Maximum	1500 meters (4921 ft)
Two Port Option Frequency Range	2 MHz to 6 GHz with Option 21
Two Port Frequency Resolution	10 Hz
Two Port High Dynamic Range On 2 MHz To 4 GHz	80 dB, 95 dB typical
Two Port High Dynamic Range On 4 GHz To 6 GHz	70 dB, 85 dB typical
Spectrum Analyzer	not included on S361E
Display Size	8.4 inch daylight viewable touchscreen
Instrument Size	273 mm x 199 mm x 91 mm
Instrument Weight	2.71 kg (6.0 lb)
Battery Operation Typical	4.5 hours
Internal Trace Memory	2000 traces
Internal Setup Memory	2000 setups
Battery Type	Li Ion
Impedance Selections Option Path	50 Ohm 75 Ohm Other

PARAMETER	VALUE
Return loss	Measurement Range: 0 dB to 60 dB

S361E Specifications

PARAMETER	VALUE
Anritsu S361E Site Master Cable and Antenna Analyzer	Overview
Key Features	Cable antenna analyzer to 6 GHz
Instant calibration and fast sweep workflow	Optional two port transmission measurement Option 21
USB connectivity and large internal memory	Rugged Site Master S3xxE platform
Technical Specifications	Cable Antenna Frequency Range: 2 MHz to 6 GHz
Notes	Numeric rows from Anritsu Site Master S331E/S332E/S361E/S362E Technical Data Sheet 11410-00484 for S361E.

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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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.