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Data Sheet

August 14, 2026

ANRITSU

Anritsu S332E Site Master Handheld Cable & Antenna Analyzer with Spectrum Analyzer; 2 MHz to 4 GHz

Anritsu S332E Site Master Cable and Antenna Analyzer The Anritsu S332E isaSite Master handheld cable and antenna analyzer covering 2 MHz to 4.0 GHz with an integrated spectrum analyzer from 9 kHz to 4 GHz. OEM S3xxE technical data sheets specify frequency accuracy of less than or equal to plus or minus 2.5 ppm at 25 C and an 8.4 inch daylight viewable touchscreen. Cellular and broadcast feedline commissioning, return loss and VSWR maintenance, distance to fault localization, and collocated spectrum interference checks. The Anritsu S332E isaSite Master handheld cable and antenna analyzer covering 2 MHz to 4.0 GHz with an integrated spectrum analyzer from 9 kHz to 4 GHz. OEM S3xxE technical data sheets specify frequency accuracy of less than or equal to plus or minus 2.5 ppm at 25 C and an 8.4 inch daylight viewable touchscreen. Cellular and broadcast feedline commissioning, return loss and VSWR maintenance, distance to fault localization, and collocated spectrum interference checks. Instant calibration and fast sweep workflow



MODEL

Anritsu S332E

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

S332E

LISTING

<https://aumictechlabs.com/products/s332e-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu S332E Site Master is a handheld cable and antenna analyzer with integrated spectrum analysis, designed for field installation, maintenance, and troubleshooting of wireless infrastructure. It consolidates multiple testing functions - return loss, VSWR, cable loss, distance-to-fault measurements, and spectrum analysis - into a single portable unit weighing 6.0 lbs. The 8.4-inch daylight-viewable color LCD touchscreen supports both field deployment and detailed analysis in the lab or at the tower site.

Technical Specifications

Frequency Coverage Cable & Antenna Analyzer: 2 MHz to 4.0 GHz Spectrum Analyzer: 9 kHz to 4.0 GHz

Physical Dimensions: 273 mm × 199 mm × 91 mm (10.7 × 7.8 × 3.6 inches)

Weight: 2.71 kg (6.0 lbs)

Display: 8.4-inch color LCD touchscreen, daylight viewable

Power: Rechargeable lithium-ion battery (7500 mAh), 4.5-hour runtime

Cable & Antenna Analysis Return Loss, VSWR, Cable Loss, Distance-To-Fault (return loss and VSWR), Phase, Smith Chart (50/75 Ω)

2-Port transmission measurements: TMA gain and antenna-antenna isolation (high/low power settings)

Sweep speed: 1 msec/data point typical

Calibration: OSL, InstaCal™, FlexCal™

Spectrum Analysis Dynamic range: > 95 dB (10 Hz RBW) Display average noise level (DANL): -152 dBm (10 Hz RBW) Phase noise: -100 dBc/Hz maximum @ 10 kHz offset at 1 GHz

Frequency accuracy: < ±50 ppb with GPS enabled

Occupied bandwidth, channel power, adjacent channel power ratio (ACPR), carrier-to-interference ratio (C/I), spectral emission mask

Interference Analysis Spectrogram display, RSSI, signal ID, three-dimensional frequency/power/time display

Signal mapping with data history storage up to 72 hours

Optional Accessories Bias Tee: 32 V internal (Option 10) High-accuracy power meter: ±0.16 dB over wide frequency range (Option 19) Internal power meter for channelized measurements (Option 29) GPS receiver for time and location stamping (Option 31) AM/FM/PM analyzer, EMF test

Typical Applications Wireless infrastructure installation and verification, antenna and transmission line characterization, interference identification and source location, power measurements across 2 MHz to 4.0 GHz, distance-to-fault diagnostics for cable problems.

S332E Characteristics / Specifications

PARAMETER	VALUE
Cable Antenna Frequency Range	2 MHz to 4 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
Display Size	8.4 inch daylight viewable touchscreen
Instrument Size	273 mm x 199 mm x 91 mm (10.7 in x 7.8 in x 3.6 in)
Two Port Option Frequency Range	2 MHz to 4 GHz with Option 21
Two Port Frequency Resolution	10 Hz
Two Port High Dynamic Range On Two MHz To Four GHz	80 dB, 95 dB typical
Bias Tee Option Path	available on Option 21 configurations
Impedance Selections Option Path	50 Ohm 75 Ohm Other
Return Loss VSWR Cable Loss DTF	supported measurement modes
Spectrum Analyzer Frequency Range	9 kHz to 4 GHz (usable to 0 Hz)
Spectrum Analyzer Tuning Resolution	1 Hz
Spectrum Analyzer Span	10 Hz to 4 GHz including zero span
Spectrum Analyzer Sweep Time Minimum	100 ms
Spectrum Analyzer Weight Class	3.71 kg (8.2 lb) for S332E class instruments
Spectrum Analyzer Included	yes
Operating Platform	Site Master S3xxE series
Field Battery Operation	yes
Touchscreen Type	resistive daylight viewable
USB Connectivity	yes for trace transfer class workflows
Return loss	VSWR Cable Loss DTF: supported measurement modes

S332E Specifications

PARAMETER	VALUE
Anritsu S332E Site Master Cable and Antenna Analyzer	Overview
Key Features	Instant calibration and fast sweep workflow
Distance to fault return loss and VSWR	Optional two port transmission measurement Option 21
Technical Specifications	Cable Antenna Frequency Range: 2 MHz to 4 GHz
Notes	Numeric rows from Anritsu Site Master S331E/S332E/S361E/S362E Technical Data Sheet for S332E.

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.

technical data sheets specify frequency accuracy of less than or equal to plus or minus 2.5 ppm at 25 C and an 8.4 inch daylight viewable touchscreen.

Applications

Cellular and broadcast feedline commissioning, return loss and VSWR maintenance, distance to fault localization, and collocated spectrum interference checks.

Key Features

Instant calibration and fast sweep workflow

Distance to fault return loss and VSWR

Optional two port transmission measurement Option 21

USB connectivity and trace memory for field reporting

Rugged handheld Site Master platform

Technical Specifications

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Cable Antenna Frequency Range	2 MHz to 4 GHz
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Two Port Option Frequency Range	2 MHz to 4 GHz with Option 21
Two Port Frequency Resolution	10 Hz

Two Port High Dynamic Range On Two MHz To Four GHz: 80 dB, 95 dB typical

Specifications

PARAMETER	VALUE
Bias Tee Option Path	available on Option 21 configurations
Impedance Selections Option Path	50 Ohm 75 Ohm Other
Return Loss VSWR Cable Loss DTF	supported measurement modes
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Spectrum Analyzer Weight Class	3.71 kg (8.2 lb) for S332E class instruments
Spectrum Analyzer Included	yes
Operating Platform	Site Master S3xxE series
Field Battery Operation	yes
Touchscreen Type	resistive daylight viewable
USB Connectivity	yes for trace transfer class workflows

Notes
Numeric rows from Anritsu Site Master S331E/S332E/S361E/S362E Technical Data Sheet for S332E.

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.