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Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AH SYSTEMS

AH Systems SAS-200/511

The AH Systems SAS-200/511 is a specialized EMC test equipment designed for precise antenna calibration and site attenuation measurements. It ensures accurate and reliable electromagnetic compatibility testing.



MODEL

AH Systems SAS-200/511

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SAS-200/511

LISTING

<https://aumictechlabs.com/products/sas-200-511-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The AH Systems SAS-200/511 is a log-periodic antenna engineered for electromagnetic compatibility testing, antenna calibration, and site attenuation measurements. Operating across 1 GHz to 12.4 GHz, this antenna delivers consistent performance in laboratory and field environments where precision and reliability are critical.

Technical Specifications

- Antenna Type: Log-Periodic
- Frequency Range: 1 GHz to 12.4 GHz
- Maximum Continuous Power: 100 Watts
- Connector Type: TNC
- Part Number: 2069
- Calibration: Antenna factor calibrations provided with each unit

Performance data at representative frequencies shows antenna factor values ranging from 25.5 dB at 1.0 GHz to 33.2 dB at 3.0 GHz, with corresponding gains from 4.74 dB to 6.30 dB across the lower frequency band.

Key Features

- Wide frequency coverage from 1 GHz to 12.4 GHz in a single antenna
- TNC connector interface for standard test equipment integration
- Rated for 100 W continuous power handling
- Factory-calibrated antenna factor data supplied with each unit
- Design suitable for both controlled laboratory and outdoor field testing

Typical Applications

- EMC

and EMI testing per applicable standards Antenna factor verification and calibration Site attenuation and path loss measurements Radiated immunity and emissions testing Compatibility & Integration The SAS-200/511 functions as a component within integrated EMC test systems. It pairs effectively with AH Systems current probes, including the BCP-200/510 and BCP-200/511, to address multi-frequency and multi-mode testing requirements across the EMC spectrum.

Features & description

From manufacturer datasheet

Polarization Class: linear log periodic

Connector Class: EMC antenna feed Mount Class: tripod/mast EMC antenna Range Class: OATS/SAC
EMC Gain Class: log periodic gain curve Notes From AH Systems SAS-200/511 listings (log-periodic
EMC antenna). Frequency range, gain, VSWR, and connector type are on the SAS-200/511 antenna
factor data sheet.

SAS200511 Characteristics / Specifications

PARAMETER	VALUE
Model	SAS-200/511
Instrument Type	Log periodic antenna
Family Line	AH Systems SAS-200
Application Class	EMC/EMI radiated measurements
Manufacturer	AH Systems
Literature	AH Systems SAS-200/511 listings
Family	AH Systems SAS antennas
Brand Lineage	AH Systems
Form Factor	log periodic antenna
System Role	EMC broadband antenna
Use Case	radiated emissions/immunity
Documentation Type	OEM SAS-200/511 listing
Year Class	SAS-200/511
Vendor Path	AH Systems
Antenna Class	log periodic
Documentation Class	OEM SAS-200 catalog
Control Class	passive antenna
Companion Role	EMC receiver/amplifier
Operating Mode	radiated EMC
Instrument Class	EMC antenna
Frequency Class	broadband log periodic
Polarization Class	linear log periodic
Connector Class	EMC antenna feed
Mount Class	tripod/mast EMC antenna
Range Class	OATS/SAC EMC

PARAMETER	VALUE
Gain Class	log periodic gain curve

SAS200511 Specifications

PARAMETER	VALUE
Applications	EMC/EMI radiated emissions and immunity measurements with a broadband log-periodic antenna.
Log periodic antenna	SAS-200 family
EMC/EMI radiated measurements	Broadband antenna
Technical Specifications	Model: SAS-200/511

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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Literature	AH Systems SAS-200/511 listings
Family	AH Systems SAS antennas
Brand Lineage	AH Systems
Form Factor	log periodic antenna
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Documentation Type	OEM SAS-200/511 listing
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Mount Class	tripod/mast EMC antenna
Range Class	OATS/SAC EMC
Gain Class	log periodic gain curve

Notes

From AH Systems SAS-200/511 listings (log-periodic EMC antenna). Frequency range, gain, VSWR, and connector type are on the SAS-200/511 antenna factor data sheet.

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.