



OEM: SALUKI TECHNOLOGY

Spectrum & Signal Analyzers

High-performance analysis from low frequency to mmWave

KEY TECHNICAL DATA

- Selected platforms: 2 Hz to 50 GHz; coaxial systems up to 110 GHz; external extension up to 750 GHz.
- Analysis bandwidth up to 1.2 GHz on selected models; S4082V built-in analysis bandwidth up to 2 GHz.
- Displayed average noise level down to -165 dBm at 1 Hz RBW on selected spectrum analyzer models.
- Applications include radar, satellite, wireless communication, signal monitoring and wideband analysis.



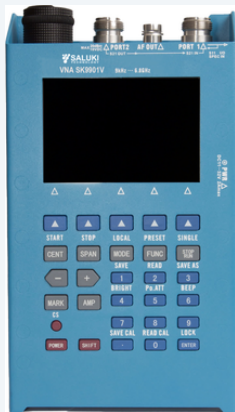
OEM: CORECH

RF / Microwave Signal Generators

Precision CW, sweep, pulse and modulation sources

KEY TECHNICAL DATA

- CSG series frequency coverage: 9 kHz to 20 GHz / 40 GHz.
- Output level approximately -120 dBm to +17 dBm; frequency resolution 0.001 Hz.
- Supports pulse and sweep functions; OCXO reference for frequency stability.
- Corech CAMS series supports AM, FM, PM and pulse modulation.



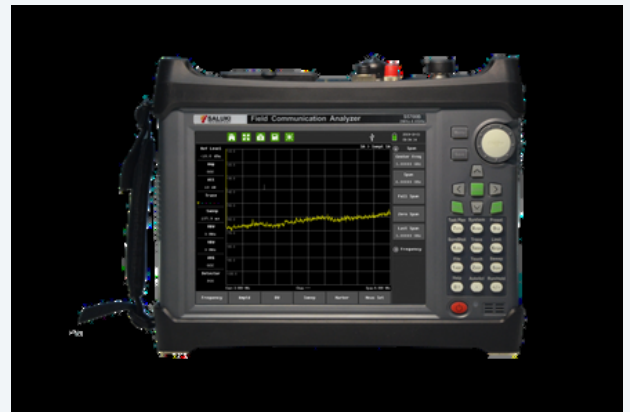
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Vector Network Analyzers

Broadband network characterization up to 110 GHz

KEY TECHNICAL DATA

- S3674 family: 500 Hz to maximum 110 GHz with multiple model configurations.
- Dynamic range up to 131 dB at 20 GHz on selected configuration.
- Supports S-parameter, mixer/converter, gain compression, noise figure and spectrum functions.
- 2-port / 4-port configurations; additional VNA families cover 4.5, 9, 20, 43.5 GHz and higher.



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Cable & Antenna / Field Analyzers

Portable multi-function RF field measurement

KEY TECHNICAL DATA

- S5700 cable/antenna measurement: 2 MHz to 4.4 / 6 GHz; spectrum: 9 kHz to 4.4 / 6 GHz.
- S5080: 5 kHz to 8 GHz integrated spectrum, VNA, antenna/feeder, power and interference functions.
- S5105 multifunction microwave analyzer covers 30 kHz to 40 GHz.
- Selected systems support GPS/BeiDou and wireless communication signal analysis.



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Microwave Power Meter & Sensors

Average, peak and pulse RF/microwave power measurement

KEY TECHNICAL DATA

- S2438/S2439D systems: 9 kHz to 500 GHz depending on connected sensor.
- Dynamic range up to approximately 90 dB depending on sensor configuration.
- Peak sensors support detailed pulse parameters; S2439D supports up to four USB sensors.
- USB power sensors: selected models up to 67 GHz with measurement speeds up to 50,000 readings/s.



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Noise Figure Analyzer

High-sensitivity noise figure and gain analysis

KEY TECHNICAL DATA

- S3986 frequency range: 10 MHz to 50 GHz; extendable to 110 GHz.
- Supports amplifier and up/down-converter noise figure measurements.
- Supports SSB / DSB measurement modes and loss compensation.
- Designed for RF R&D, radar, communications and navigation applications.



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RF Record & Playback System

Capture, store and reproduce complex RF environments

KEY TECHNICAL DATA

- SARP-6 frequency range: 1 MHz to 6 GHz.
- Acquisition and playback bandwidth up to 500 MHz.
- Suitable for radar, GPS/navigation, communications and telemetry signal environments.
- Supports analysis workflow compatibility with Tektronix SignalVu software.



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Calibration Kits & ECal Modules

Precision VNA calibration and verification accessories

KEY TECHNICAL DATA

- Mechanical calibration kits available from DC to 40 / 50 / 67 GHz depending on connector family.
- 1.85 mm calibration kits provide broadband coverage to 67 GHz.
- Electronic calibration modules shown from 300 kHz to 18 GHz and 10 MHz to 26.5 GHz.
- ECal modules are compatible with Saluki VNAs and specified Keysight ENA/PNA series.



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RF Power Amplifiers

Broadband and band-specific solid-state amplification

KEY TECHNICAL DATA

- Corech RF power amplifier families cover approximately 0.1 to 52 GHz.
- Output power options extend up to 100 W depending on frequency band and model.
- CW and pulse operation with SMA, 2.92 mm, 2.4 mm and waveguide interface options.
- Applications include radar, satellite, electronic warfare, wireless and RF test systems.



OEM: CORECH

Low Noise Amplifiers

Low-noise gain stages for RF and microwave receivers

KEY TECHNICAL DATA

- Corech LNA families cover approximately 1 kHz to 67 GHz.
- Noise figure options as low as approximately 0.8 dB depending on design.
- Standard and custom configurations available for different gain, bandwidth and interface needs.
- Suitable for receiver front ends, laboratory systems, radar and communications.



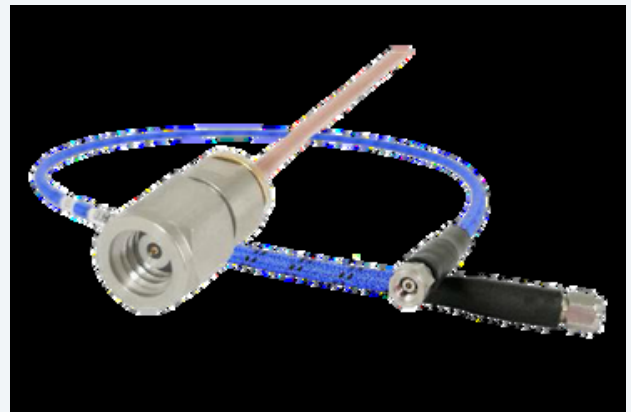
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Dividers, Couplers & Filters

Passive RF/microwave signal distribution and conditioning

KEY TECHNICAL DATA

- Power divider families: DC to 67 GHz; 2-way through 32-way configurations.
- Directional couplers: approximately 0.02 to 67 GHz with coupling options from 5 to 50 dB.
- Hybrid couplers: approximately 0.01 to 67 GHz; 90° / 180° configurations.
- Filter families include LPF, BPF, HPF, diplexer and triplexer technologies.



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RF Switches & Step Attenuators

Fast routing and programmable RF level control

KEY TECHNICAL DATA

- RF switch families cover approximately 1 kHz to 67 GHz with SPST through SP16T configurations.
- PIN-diode switching speeds in the 10 to 100 ns range depending on design.
- Programmable step attenuator families extend from DC to 50 GHz.
- Attenuation ranges up to 115 dB with 1 / 5 / 10 dB step options in Corech families.



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1 mm High-Frequency Test Cables

Precision mmWave interconnect up to 110 GHz

KEY TECHNICAL DATA

- Frequency coverage: DC to 110 GHz.
- 50 ohm impedance; maximum VSWR stated as 1.45:1 for the 1 mm test cable family.
- Semi-rigid and armored flexible cable options.
- Precision 1.0 mm stainless-steel connectors for high-frequency system and instrument interconnection.



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RF Test Cable Assemblies

Low-loss phase and amplitude stable flexible cables

KEY TECHNICAL DATA

- Flexible RF test cable assemblies cover DC to 110 GHz depending on connector type.
- Connector families include N, SMA, 3.5 mm, 2.92 mm, 2.4 mm, 1.85 mm and 1.0 mm.
- Selected phase/amplitude stable families cover DC to 26.5 / 40 / 50 GHz.
- Armored and flexible constructions available for laboratory and production environments.



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VNA Calibration & Test Accessories

Calibration hardware for precision network measurements

KEY TECHNICAL DATA

- Mechanical calibration families shown to 67 GHz.
- Calibration kit connector families include 2.92 mm, 2.4 mm and 1.85 mm.
- Connector gauge kits support Type N, 3.5 / 2.92 mm and 2.4 / 1.85 mm interfaces.
- Torque wrenches support controlled connector tightening for repeatable RF measurements.



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Adapters, Loads & Antennas

Supporting accessories for complete RF test benches

KEY TECHNICAL DATA

- Test-port adapters extend to 67 GHz depending on connector family.
- Coaxial loads cover DC to 67 GHz on selected families with multiple power ratings.
- VNA phase-stable cable assemblies available with ruggedized NMD and Type N connectors.
- Antenna range includes horn, directional and omnidirectional models for field and laboratory RF work.