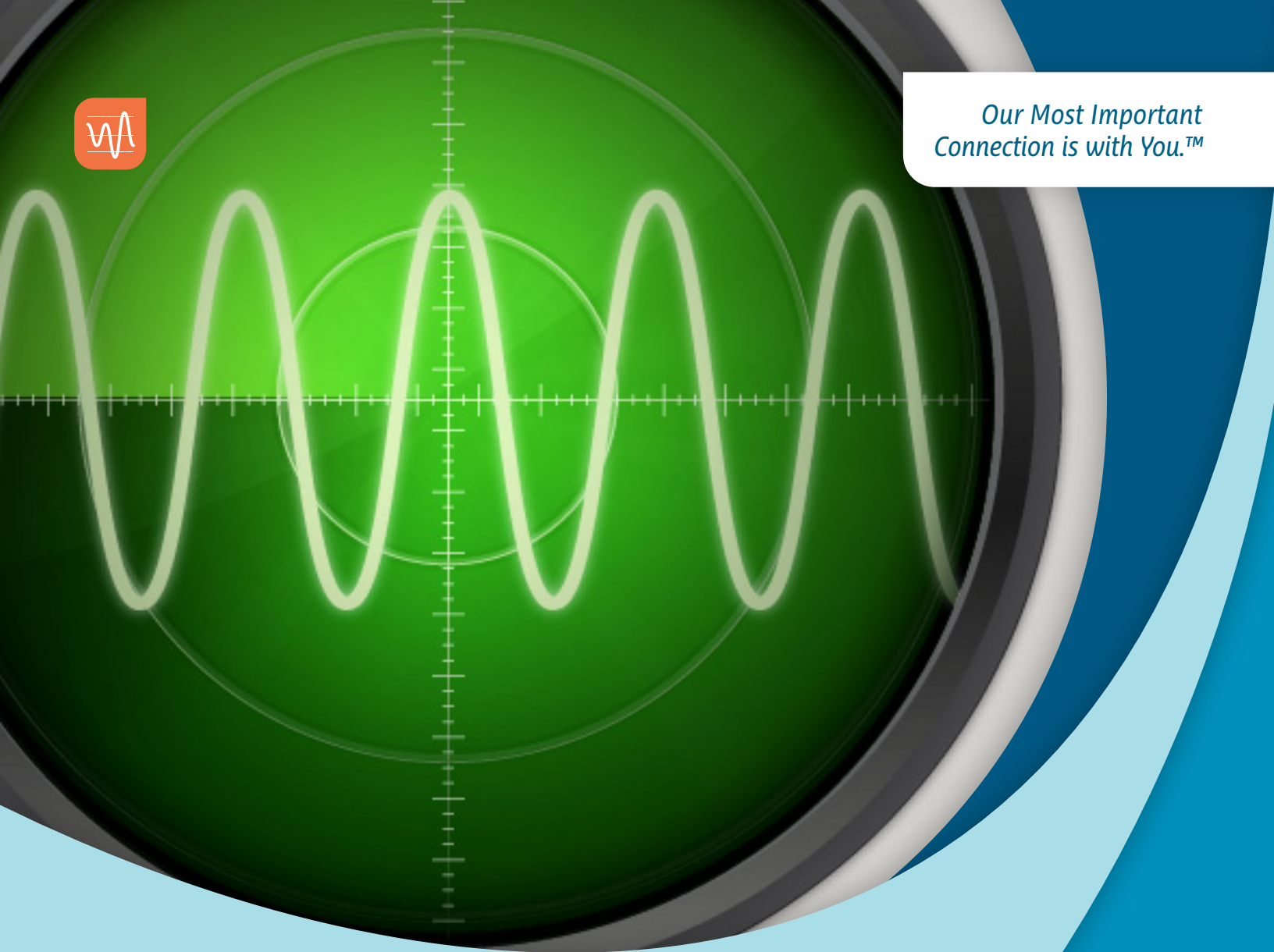




*Our Most Important
Connection is with You.™*



Test & Measurement



The image shows a close-up of a test equipment panel. In the upper left, there are five white toggle switches labeled 'ATT-A', 'CHAN', 'GATE', 'HOLD', and 'RESET'. Below them is a blue indicator light labeled 'CAT II'. The background is filled with various other controls, including several large white rotary knobs and a row of red and black push-buttons. The overall scene is brightly lit, highlighting the metallic and plastic components of the device.

repeatability

Radiall is a global leader in the Test & Measurement industry. We are recognized for providing high performance switches and interconnect products at exceptional quality for a wide range of applications. Our presence across the globe allows Radiall to support all Test & Measurement manufacturers on a local level.

reliability



RF & Microwave Switches

- High reliability RAMSES patented modular technology, no soldered wires
- More than 10 million cycles
- Frequency range up to 50 GHz
- Comprehensive range of SPDT, DPDT, DP3T, SPnT (1x3 through 1x12)
- Terminated and unterminated versions
- Smallest subminiature SPnT & TVAC series
- TVAC switches: thermal vacuum
- High performance Titanium & Platinum switches with long life span & guaranteed repeatability 0.03dB on IL
- SPDT Slim Line Series: Surface Mount Technology (SMT)
- Low PIM switch series -160dBC: passive intermodulation

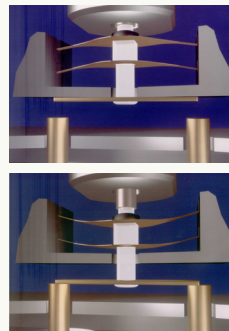


RF & Microwave Switches (con't)

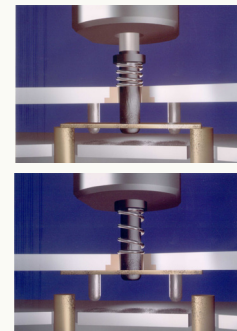
RAMSES Concept

Radiall's Modular System for Electromechanical Switches (RAMSES) is a patented technology that enables microwave coaxial switches to be produced with an operating life of ten million cycles without a decrease in contact resistance reliability over time, compared to the competition which can only achieve one million cycles. The modular design offers a unique internal construction which reduces overall cost and production time.

RAMSES Concept
10,000,000 Actuations



Previous Design
1,000,000 Actuations



RF Cable Assembly Models

- Short Bend
- Hand-formable
- Semi rigid
- RG flexible
- AEP195FR through AEP600FR



TestPro Cable Assemblies

- TestPro2 DC-50 GHz, DC-67 GHz
- TestPro3 DC-26.5 GHz, DC-40 GHz
- TestPro4.2 DC-18 GHz
- TestPro5 DC-26.5 GHz
- TestPro8 DC-18 GHz
- Connector series: SMA, SMA 3.5, SMA2.9, SMA2.4, SMA1.85, NMD2.9, N, TNC, PC7
- 5000 mating/unmating life cycles
- Flex life: over 20,000 flex cycles per Mil IEC966-1
- Phase & loss stability for long calibration intervals
- Low profile connector configurations
- TVAC options available
- Phase matching options



SHF Cable Assemblies

- SHF2.2UF DC - 40 GHz, SHF2.2M DC - 40 GHz,
- SHF3 DC - 40 GHz, SHF3M DC - 40 GHz,
- SHF4M DC - 40 GHz, SHF4.2M DC - 30 GHz,
- SHF4.6M DC - 32 GHz, SHF5 DC - 26.5 GHz,
- SHF5M DC - 26.5 GHz, SHF5UF DC - 26.5 GHz,
- SHF8 DC - 18 GHz, SHF8M DC - 18 GHz,
- SHF13 DC - 9.5 GHz
- Connector series: SMPM, SMP, SMP Lock, SSMA, MCX, SMA, SMA 2.9, SMA 3.5, QMA, QN, BMA, TNC 18, N 18
- Phase matching options
- Armored options available
- Lightweight & airframe cables



RF & Microwave Terminations and Attenuators

- Comprehensive range of components up to 50 GHz
- Type N, BNC, TNC, SMA, SMA 3.5, SMA 2.9, 2.4mm
- Medium & high power terminations & attenuators up to 6 GHz & 1 kW
- Coaxial and SMT termination, couplers, attenuators
- Rotary joints, phase shifters
- Low PIM
- Microwave filters



RF Adapters

- In-series
- Between-series
- Push on
- Quick disconnect
- Precision adapter
- 50 & 75 Ohm
- Straight, bulkhead, panel, flange mount, press in, right angle, sealed, hermetic



RF Probes

- Connector to test: SMP male, SMP-MAX male, SMA female, MMBX female, SMB male
- High frequency, long lasting, versatile design
- Automatic PCB testing & production bench testing
- Innovative flying RF Probes provide increased test speed, improved access and greater fault coverage



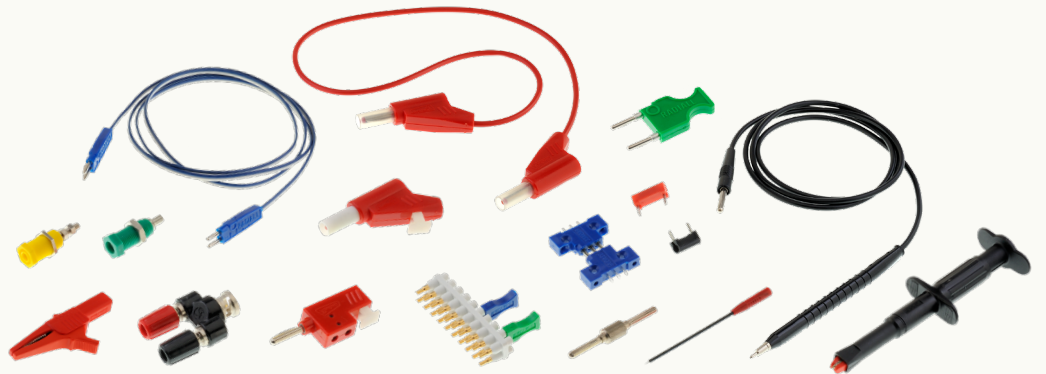
RF Coaxial Connectors

- Comprehensive range of RF connectors up to 65 GHz
- SMA, SMP, SMPM, N, TNC, SMB, SMC, SSMC, MMCX, MCX, BNC, QRE
- Interfaces per Mil C-39012
- Locking connectors: SMP, TNC & SMB
- Quick Lock Formula (QLF) certified QMA & QN
- MIL-PRF-39012 QPL connectors
- Blind mate: BMA, SBMA, SMP, SMPM, MMBX
- Board-to-board RF interconnects: IMP, MMBX, SMP, SMPM & SMP-MAX
- Waterproof, stainless steel, light weight, hermetic, and reverse polarity connectors available
- Switching connectors: Moebius, MC-Card, SMA, QMA, QN, N & TNC



Banana Plugs

- 2mm, 4mm & adapters
- Excellent electrical conductivity
- Very low contact resistance
- Robust contact point pressure when connected
- Outstanding durability for high number of mating cycles



stability





Our most
important
connection
is with you.™

It's not just a slogan. It's a statement of our earnest desire to put you at the forefront of all our business practices. As part of Radiall's mission to be available and accessible, we make it a priority to have local offices around the globe ready and able to assist you – wherever you are, whenever you need us.

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