

SV MICROWAVE

Amphenol

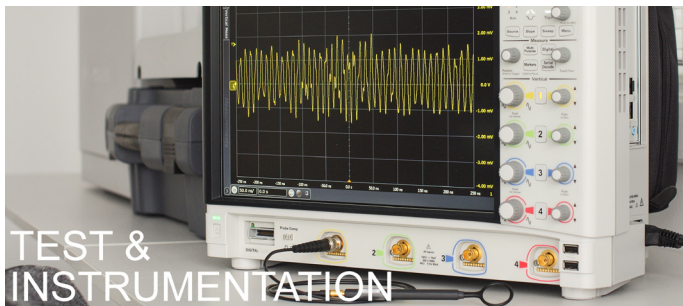
PRECISION. INNOVATION. RELIABILITY.

SV Microwave is a world leader in the RF/Microwave industry with over 50 years of proven performance. We design and manufacture RF/Microwave coaxial connectors, cable assemblies and passive components designed for military, aerospace, satellite, telecommunications and test and instrumentation applications. Our product lines include commercial-off-the-shelf (COTS) items and made-to-order custom, one-of-a-kind and hard-to-find products. When it comes to the design and manufacture of custom products, SV Microwave has set the standard in RF and microwave connectors, components and cable assemblies.

SV Microwave is part of Amphenol Military & Aerospace Operations (AMAO) division which is perfectly aligned to provide the latest technologies, cost-effective manufacturing and supply chain management, and local support to solve any military and aerospace interconnect need.

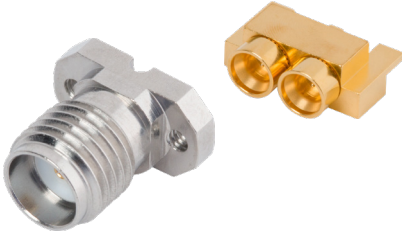
Amphenol

MILITARY & AEROSPACE



Our products are used in the military, comair, satellite, radar, aerospace, telecommunication, test & instrumentation and high speed digital industries where performance, reliability and durability matter.

Available Products



Coaxial PCB Connectors

- Through-Hole, Surface Mount and Edge Launch
- Series include: mmWave, SMPx, SMA and more
- Solderless Compression Mount and Pre-Tinned contact surface variations available



High Frequency Cable Assemblies

- Flexible and semi-rigid cable types available
- Space qualified
- Fits all standard interfaces including: SMA, 2.92mm, 2.4mm, SMP, SMPM, SMPS & more!



RF Adapters

- Right angle, bulkhead, flange mount and more
- RF performance DC - 67 GHz
- Waterproof/hermetic variations available

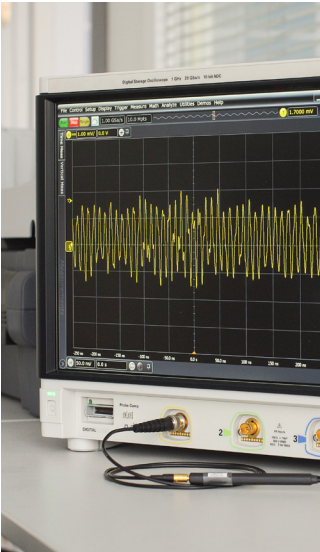


Components

- High frequency terminations and attenuators
- Fixed coaxial, QPL, Hi-Rel and Chip versions
- Ideal for military/aerospace applications

We offer over 10,000 products, including commercial off the shelf (COTS) items and custom, highly reliable, highly repeatable products.

Technical Capabilities








Design & Analysis

- CST Microwave Studio Electrical Simulation Software
 - PCB Footprint Optimization
- SolidWorks Mechanical Design
- Multiple High Speed Network Analyzers (67 GHz)
- 70 GHz Digital Oscilloscope
- Real-Time X-Ray Analysis
- Environmental Lab
 - Thermal Shock, Salt Spray, Vibe, Shock, XRF Analysis

Manufacturing

- Industry leading CNC turning capabilities
- World class machining tolerances to +/- .0003”
- Precision Assembly (IPC soldering, J-STD-001)
- Innovative philosophy for hard-to-make parts and reducing cycle times

Website

-  Mobile compatible
-  Product demonstration videos
-  Faceted product search
-  RF Cable Builder
-  Application Notes & Catalogs



Our Locations



2400 Centrepark West Drive
West Palm Beach, FL 33409
P: 561.840.1800



2301 Centrepark West Drive
West Palm Beach, FL 33409
P: 561.840.1800

SV Nano is our hub for technology development and creativity. Housing our product development engineering team and marketing team, SV Nano is at the forefront of all future product and automation initiatives.



716 East Auto Center Drive
Mesa, AZ 85204
P: 623.526.4774

SV Mesa, our newest facility, fosters additional machining capabilities and assembly operations in order to facilitate the growing need for our RF products.

