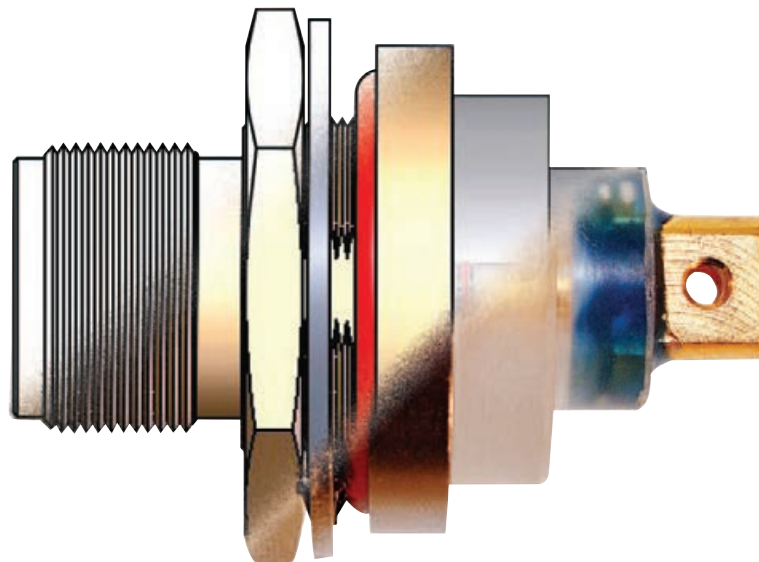
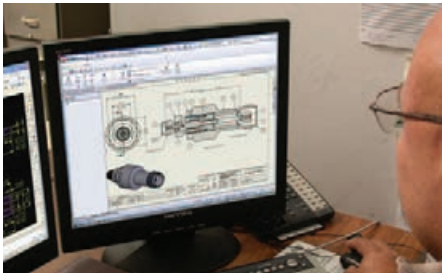




From Concept to Reality

Custom RF Coaxial Products
Design through Manufacture





Design Capabilities

Aviel Electronics' innovative design and manufacturing capabilities mean we can respond quickly to your specific needs and deliver quick turn-around for prototype components, generally without non-recurring engineering (NRE) and tooling expense. Our design engineering team has over 25 years of design experience.

Manufacturing Capabilities

From prototype fabrication of 1 piece to 1,000,000 pieces high volume production, our manufacturing capabilities provide cost savings through the use of Swiss CNC lathes. The machines run components from .02 to 1.625 inches in diameter.

Core Products

RF Coaxial Connectors/Adapters

- Standard Interfaces: C, N, TNC, SC, HN, L, BNC, 7-16 DIN, BMA
- Miniatures: SMA, SMB, SMC, MCX
- Sub-Miniatures: SSMA, SSMC
- Unique Interfaces: Reverse Polarity, blindmates
- Very High Frequency (>26Ghz): 1.0/2.3mm, 2.9mm, 3.5mm
- Phase Matched Adapters

Cable Assemblies

Flexible/braided, semi-rigid, conformable, phase matched

Specialty Solutions

Hermetic, high power, obsolete replacement, modified connectors, blind mating, floating blindmate, WiFi and FCC compliance, precision connectors, prototypes, quick-disconnect, limited space connectors, cross-reference connectors

Variety of Mating and Mounting Styles

Blindmate, slip on, easy-mate, quick-disconnect, PCB mount

Materials

Bodies: stainless steel, brass, aluminum, others

Plating: gold, nickel, silver, passivation, others

Conforming Standards

MIL-C-39012, DIN 47223, IEC 169-4, CECC22190, MIL-STD-348, FCC Part 15.203

Aviel Electronics

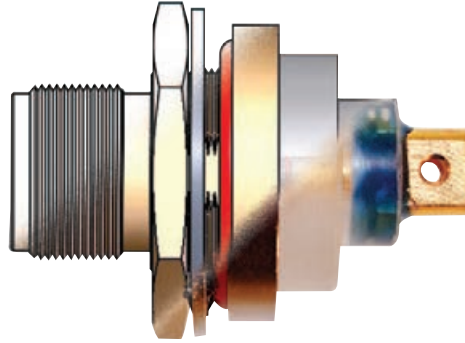
Division of RF Industries (NASDAQ: RFL)

3060 East Post Road, Ste. 100, Las Vegas, NV 89120

(877) 805-7381, (702) 739-8155

www.avielelectronics.com, aviel@rfindustries.com

From Concept to Reality



Your ideas are the starting point for our design engineers. We work with you through the process of creating a 3D model in Solid Works. From there we produce a prototype. Our modern CNC equipment allows us to fabricate your connectors with high precision. The final product is run through a series of tests to make sure we provide what you require.

NOTE: Quantities 1 to 1 million



Consultation –
You explain your needs to us and our engineers return with a proposal.



Testing and Quality Control –
Before shipment, your products are thoroughly tested and quality controlled before release. We routinely do high pot, continuity and interface testing. Other testing is available on request.



Design –
Our design team creates a drawing. With your approval we proceed to a 3D modeling drawing for your review.



Production –
With your sign-off we put your connector into production, from one prototype to millions of connectors.




Finished Product –
Your product is shipped to you.

Standard Connector Catalog

Aviel Electronics offers a comprehensive line of standard coaxial products to supplement its custom abilities. This means you have one source access to all your connection needs. With one of the largest inventories in North America, we have them on the shelf, ready to ship.



 Call our standard products line at (877) 805-7381 to place an order or to request your FREE CATALOG today!

Standard Connector and Adapter

Interfaces include BNC, N-type, 7-16 DIN, TNC, UHF, Mini-UHF, SMA, SMB, MCX, MMCX and much more

Preparation and Installation Tools

Includes crimp tools, cutters, strippers, and installation kits

Universal Adapter System Products

Kits and accessories

Adapter and Testing Kits

7-16 DIN, 3.5 mm, SMA, cable testing, adapters for cellular or mobile radio

Catalog includes Reference Guides

Mounting configurations, assembly and mounting guide

Aviel Electronics designs and manufactures custom RF/microwave connectors, adapters and cable assemblies for military, aerospace and industrial applications. Aviel provides total turn-key solutions from concept to design, from design to prototype and from prototype to manufacture. Aviel has designed and manufactured connectors for over 50 years with personal service and quick response times.



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