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Division of RF Industries
for over 30 years

Connectors & Adapters
BNC, TNC, N, SMA, SMB, SSMB, MCX, MMCX, UHF, Mini-UHF, 7-16 DIN, 1.0/2.3 and more
Also available in reverse polarity, reverse thread and 75-ohm

Preparation & Installation Tools
Crimp tools & Kits, Cutters, Strippers

Test & Measurement Kits
Universal Adapter Family (Unidapt™)
7-16 DIN Adapters, RF Adapters

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RF Cable Assembly is a quality manufacturer of standard and custom cable assemblies and electromechanical wiring harnesses for medical, computer, LAN, RF, automotive, monitoring and communications equipment. We can build custom cables to meet your requirements, whether standard or special.

Complete product design, tooling design and fabrication, materials processing and selection, product manufacture, assembly, testing and packaging are available in our San Diego facility.

All our assembly and soldering technicians have been trained to the requirements of IPC/EIA J-STD-001 and IPC/WHMA-A-620. By creating and using hand tools and assembly jigs designed for their tasks and using them in our documented production processes, we produce quality with repeatability.

VALUE-ADDED SERVICES

- Specialized testing and validation available
- Kitting, material traceability and scheduled releases
- Private labeling, product marking, testing, lot control and documentation
- Product/process development assistance
- Component sourcing and scheduled release programs
- Insert injection molding
- Ultrasonic welding
- Automated wire and cable preparation
- VNA sweep testing, 50 MHz to 40 GHz
- Mechanical and electrical Testing

RF Cable Assembly Solutions Guide includes:

- Connector Identification Chart
- Cable Compatibility Chart

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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 provided design and manufacture capabilities for 50 years with personal service and quick response designs, generally without non-recurring engineering or tooling expense.

CORE PRODUCTS

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

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

Specialty Solutions
Hermetic, high power, obsolete replacement, modified connectors

Conforming Standards

Manufacturing Capabilities
From 1pc prototype fabrication to 1,000,000 pcs high volume manufacture

Aviel Electronics 3060 East Post Road, Suite 100, Las Vegas, NV 89120
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Cables & Connectors

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How can we meet your needs?
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**— USEFUL INFORMATION**
WARRANTY
For warranty information, please go to our website. Our web address is on the front cover.

GENERAL DISCLOSURES
Unless otherwise specified, all connectors are machined brass.
Any special order connector is non-returnable and non-refundable.
Plating and materials may differ from Military Specification.
Though seldom done, gold pins may be substituted by silver.
Not all between-series adapters are 50 ohm.

In our constant effort to provide you with competitively priced, quality connectors, we reserve the right to change product specifications without prior notice. Please contact us to verify that published specifications are current.

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