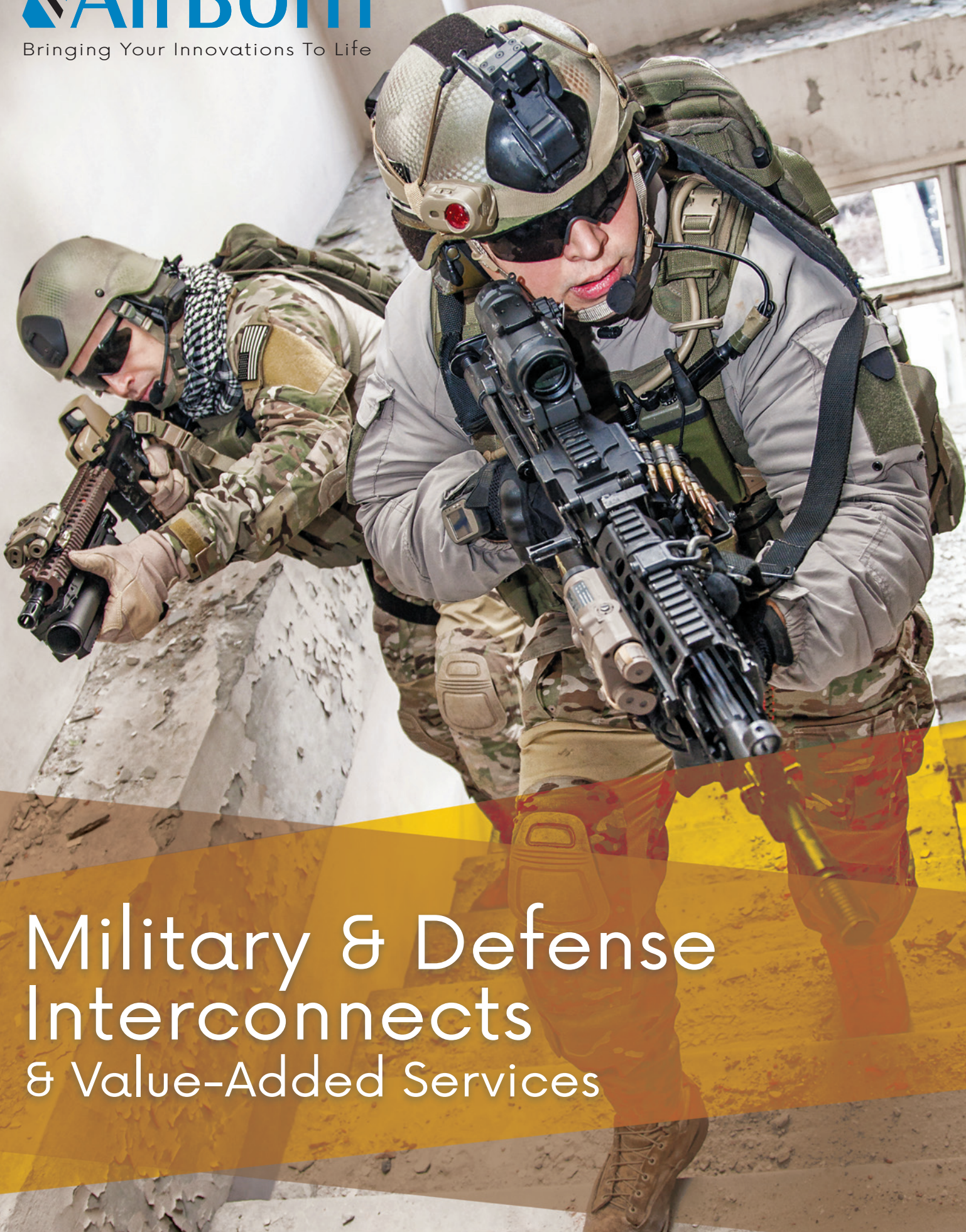


The logo for AirBorn, featuring a stylized blue and white icon of a wing or arrow pointing upwards and to the right, followed by the word "AirBorn" in a bold, blue, sans-serif font.

**AirBorn**

Bringing Your Innovations To Life



Military & Defense  
Interconnects  
& Value-Added Services



AirBorn components have been an integral part of system solutions created to defend America and her allies for over half a century.



## Engineering & Manufacturing Electronic Component Solutions Since 1958

AirBorn is an employee owned company whose core business is engineering & manufacturing specialized connectors & electronic components for OEMs worldwide. We serve customers across many industries including: Commercial Air, Industrial, Medical, Military/Defense & Space Exploration.

AirBorn components are a part of many important military and defense applications. Beginning with **Apache & Blackhawk Helicopters** and extending to **Adams & Bradley Tanks, Ohio-Class Submarines, F-35 & F-16 Fighting Jets**, the **Stealth Bomber** and **Patriot, Hellfire, Javelin** and **THAAD Missile Systems** to name a few. Customers trust AirBorn products to perform when lives are on the line and missions are at stake — and have since our inception in 1958.

From deep sea to deep space, our innovative interconnect, value add & box build solutions are chosen by leading Military & Defense companies in to operate their most critical systems in the most hostile environments and under the most extreme battlefield conditions.



Apache  
Helicopters



## Rugged & Reliable Connectors

Military and Defense applications require the most rugged & reliable connectors imaginable because failure is simply not an option. Connectors that can withstand extreme temperature variations, high vibration, impact, and G-forces. At AirBorn, dependability begins where the pin and sockets meet: the contact system. Our contact systems utilize multiple contact points — a key differentiating factor between truly rugged & reliable connectors and less reliable, "commercial-grade" connectors.

### Styles & Configurations

We have a wide variety of form factors to choose from including rectangular, micro-D, nano-D, circular, interposers, and strip connectors. Multiple termination options are available for board, flex circuit, panel, and cable installations. Our wide range of body materials and mounting and mating hardware options allow customers to configure the exact connector for your design — over 100 million possible configurations!

### High-Speed, High-Vibration & Temperature Extremes

Progressively, design engineers are looking for interconnects that accommodate high-speed data rates while still enduring harsh battle conditions. At AirBorn, dedicated engineering teams design and optimize our connectors & cables for superior signal integrity, away from the highly-controlled environs of a data center and front-and-center on the field of battle.

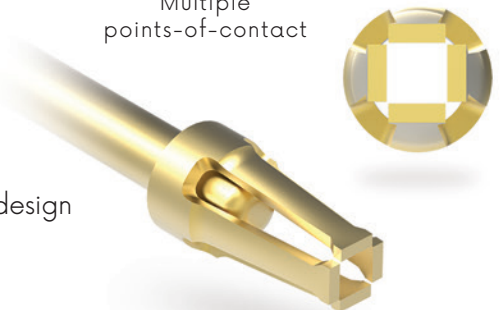
### Custom

Still can't find what you need? Talk to us — we have a team of application and design engineers equipped to develop solutions to tackle any interconnect challenges.

\*Series 360 circular connectors are currently available only in North America.



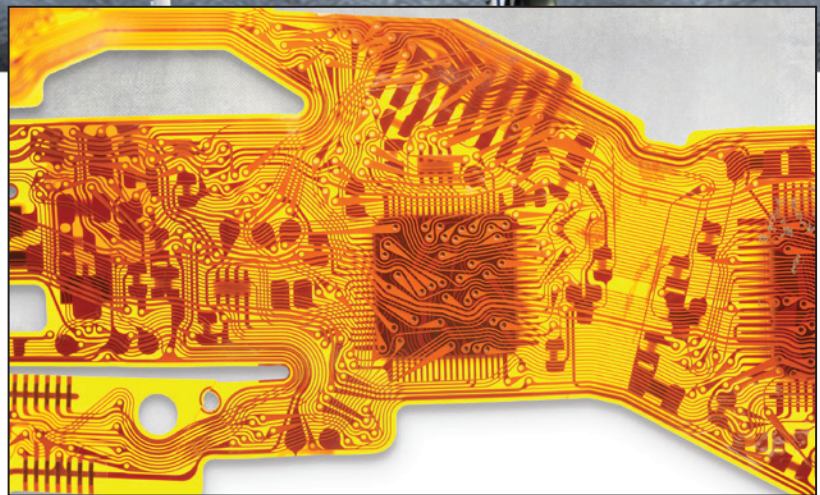
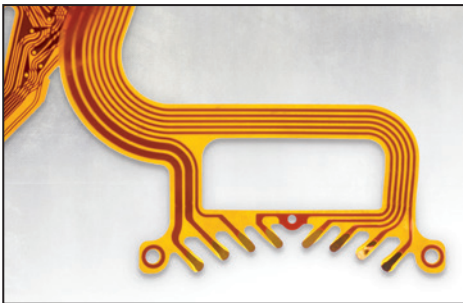
Multiple  
points-of-contact







F-35 Jet Fighter

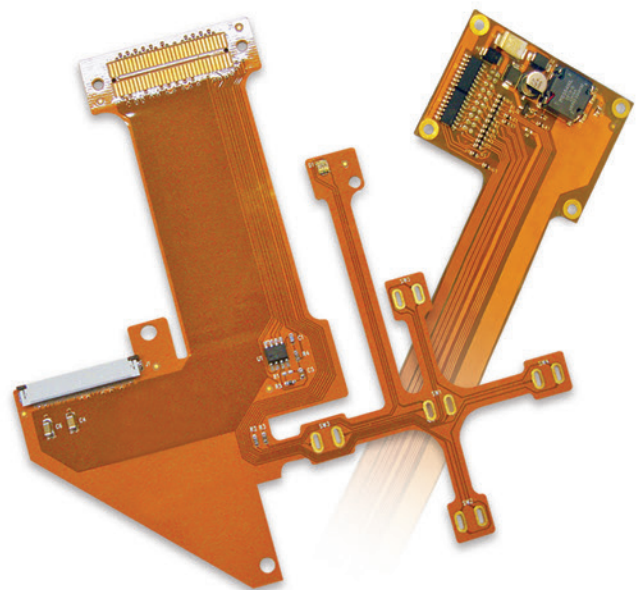


## Flexible Circuit Assemblies

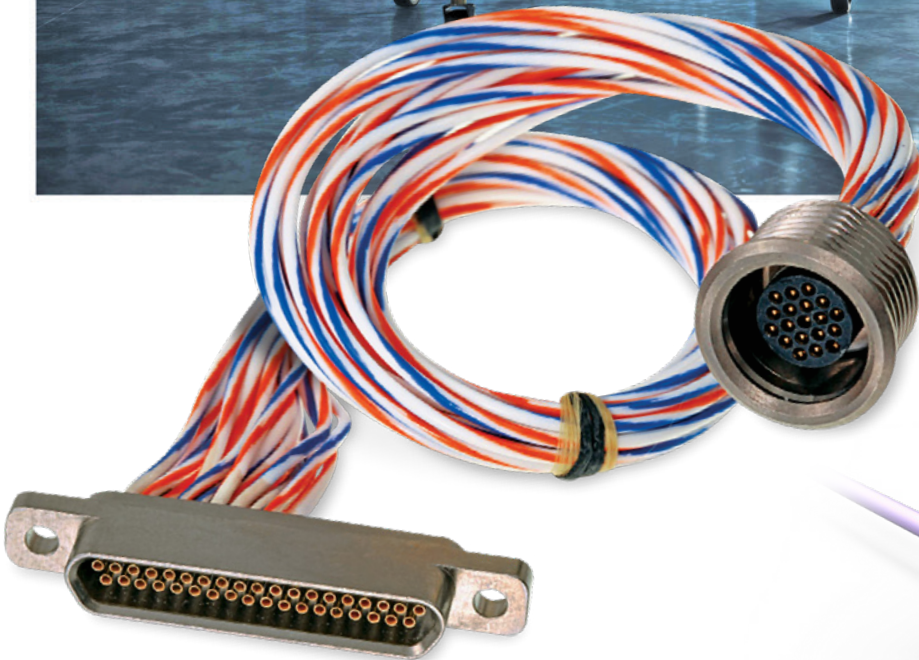
AirBorn designs and manufactures intricate flexible circuit assemblies, ideal for use where weight, space, consistency and 3D routing are important factors. We can manufacture to your design or ours, leveraging years of flex design experience and expertise. We produce flex assemblies to work with any type of connectors and electronic components. Our flex assemblies are employed in missiles, radars, rugged computers, avionics, satellites, UAVs, and much more.

### Cable, Flex, or PCB Assembly?

Not sure which option is best for your application? Give us a call. We design and manufacture cable assemblies, flex circuit assemblies, and printed circuit board assemblies and will provide impartial advice on which is best for your specific design requirements.







FOCuS®

FOCuS®  
RAOC®

## Custom Cable Assemblies

AirBorn is much more than a “connector company”. While connectors are at our core, we also design and manufacture custom cable assemblies. We can manufacture to your unique requirements or collaborate on a design from the start. We handle all wire types: copper, fiber, RF, ribbon, braiding, and more — terminated with any connector, whether it’s AirBorn’s or not.

We’re also proud to offer our FOCuS® brand of Rugged Active Optical Cables (RAOC®). Built on our proven, high-speed verSI connector platform, RAOC® exemplifies all the benefits of fiber with the ease & reliability of copper.

### Cable, Flex, or PCB Assembly?

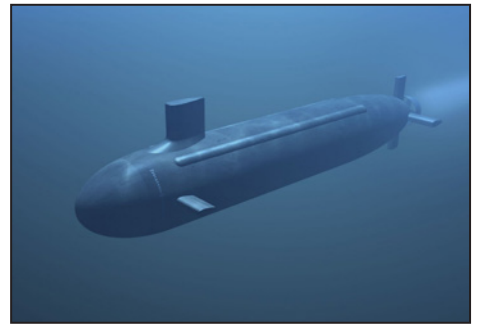
Not sure which option is best for your application? Give us a call. We design and manufacture cable assemblies, flex circuit assemblies, and printed circuit board assemblies and will provide you impartial advice on which option is best for your specific design requirements. Contact us to schedule time with one of our design engineers.

Class I laser product that complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019.









## Engineering & Lab Services

AirBorn employs 50+ degreed engineers in-house to assist in design and product development; expertly guiding from inception through mass production. AirBorn utilizes an A2LA accredited\* laboratory to test against the highest standards imaginable to ensure our products stand up to the rigors of military applications. From temperature fluctuations to vibration & shock tests, we design unmatched quality into our interconnects and cable assemblies to withstand the grind of mission-critical military applications.

When your goal is to design unmatched excellence, ruggedness & reliability into your product — count on AirBorn's Model-to-Market® service to assure you have AirBorn quality in your end product.

- Contact Engagement & Separation Forces
- Contact Retention/Wire Retention
- Dielectric Withstanding Voltage (Sea Level & Altitude)
- Durability
- Insert Retention
- Insulation Resistance
- Low Signal Level Contact Resistance
- Mating & Unmating Force
- Resistance to Soldering Heat
- Shock
- Solderability
- Temperature Cycling
- Vibration
- X-Ray/CT imaging & inspection

\*Not all testing listed above is included in our A2LA Scope of Accreditation. Please consult A2LA Certificate #4132.01 for a list of accredited tests.

# The AirBorn Advantage

Model-To-Market Solutions



Custom Power Systems



COTS VPX Power Supply Power Blade



Flexible Circuit Assemblies



Cable Assemblies



FUZE Assemblies



Active Optical Assemblies



Rectangular W Series



Rectangular R Series



Micro D M Series



Nano D N Series



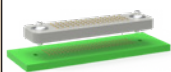
High-Speed Rectangular verSI



Modular Hybrid Slnergy



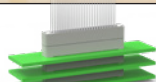
Macro D RockKet



Z Axis Interposer Z Series



High-Speed Micro D microSI



Stackable RC Series



Circulars Series 360



Strip Connector AirStrip



PowerAmp 13A or 23A



Rugged Circulars TriMate

MDEFB-2.24

# AirBorn

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