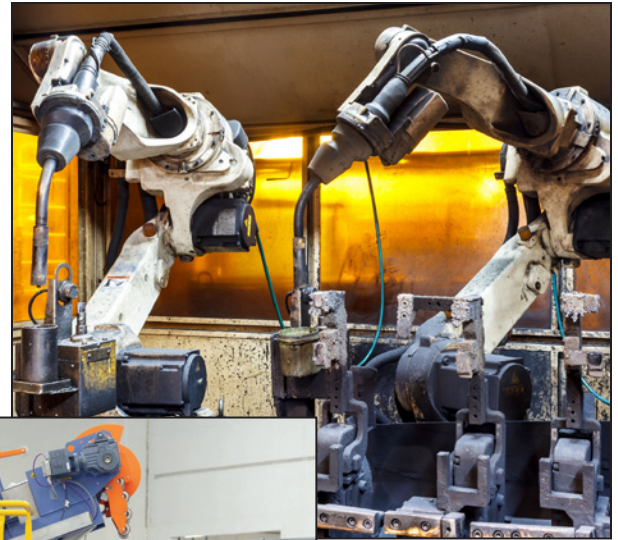


A close-up photograph of a yellow industrial robotic arm, likely a KUKA model, with a silver gripper. The arm is positioned diagonally across the frame, pointing towards the bottom left. The background is a blurred industrial setting with various mechanical parts and cables. A large, semi-transparent yellow graphic element is overlaid at the bottom of the image, containing the text.

Industrial Interconnect Solutions & Value-Added Services



Engineering & Manufacturing Electronic Component Solutions Since 1958

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

AirBorn Industrial connector models offer OEMs in the industrial space the same ruggedness and quality our Mil-Aero customers have enjoyed for decades. AirBorn's Industrial connectors were designed to endure intense pounding, shock, vibration, and extreme temperature fluctuations typical in industrial applications.

Customers employ AirBorn Industrial components in common, high-intensity applications such as:

Manufacturing Machinery

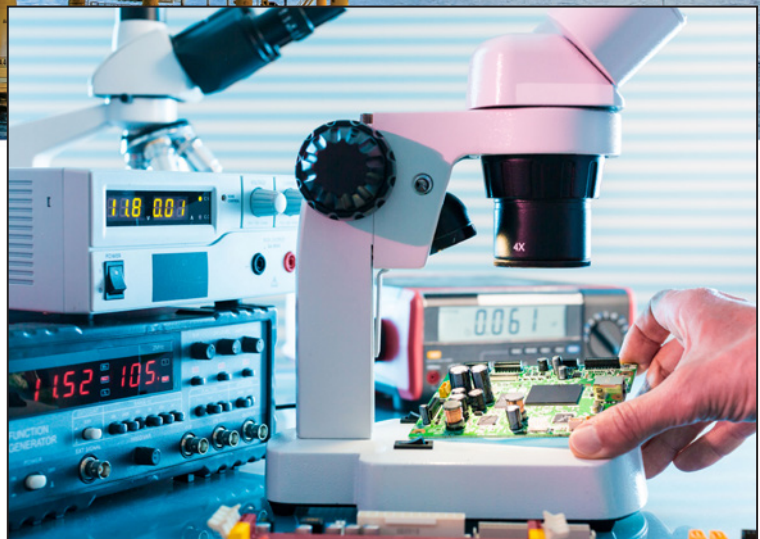
Designed and built to withstand shock, vibration, and other challenges impacting production uptime, AirBorn's solutions take that out of the equation. Our Power, Signal, and Data connector solutions can be standard off the shelf or customized to fit your application needs.

Factory Automation & Control

The growing need for a connected supply chain to support mass production is driving the adoption of Industrial Automation. AirBorn has over 60 years experience designing and manufacturing interconnect solutions for harsh environments where reliability is a must.

Energy and Oil & Gas

AirBorn offers durable solutions to meet the needs of both the Oil and Gas and Alternative Energy markets. Whether your needs require highly ruggedized options or high temperature thermoplastic solutions, look to AirBorn to help provide durable solutions for your tough applications.



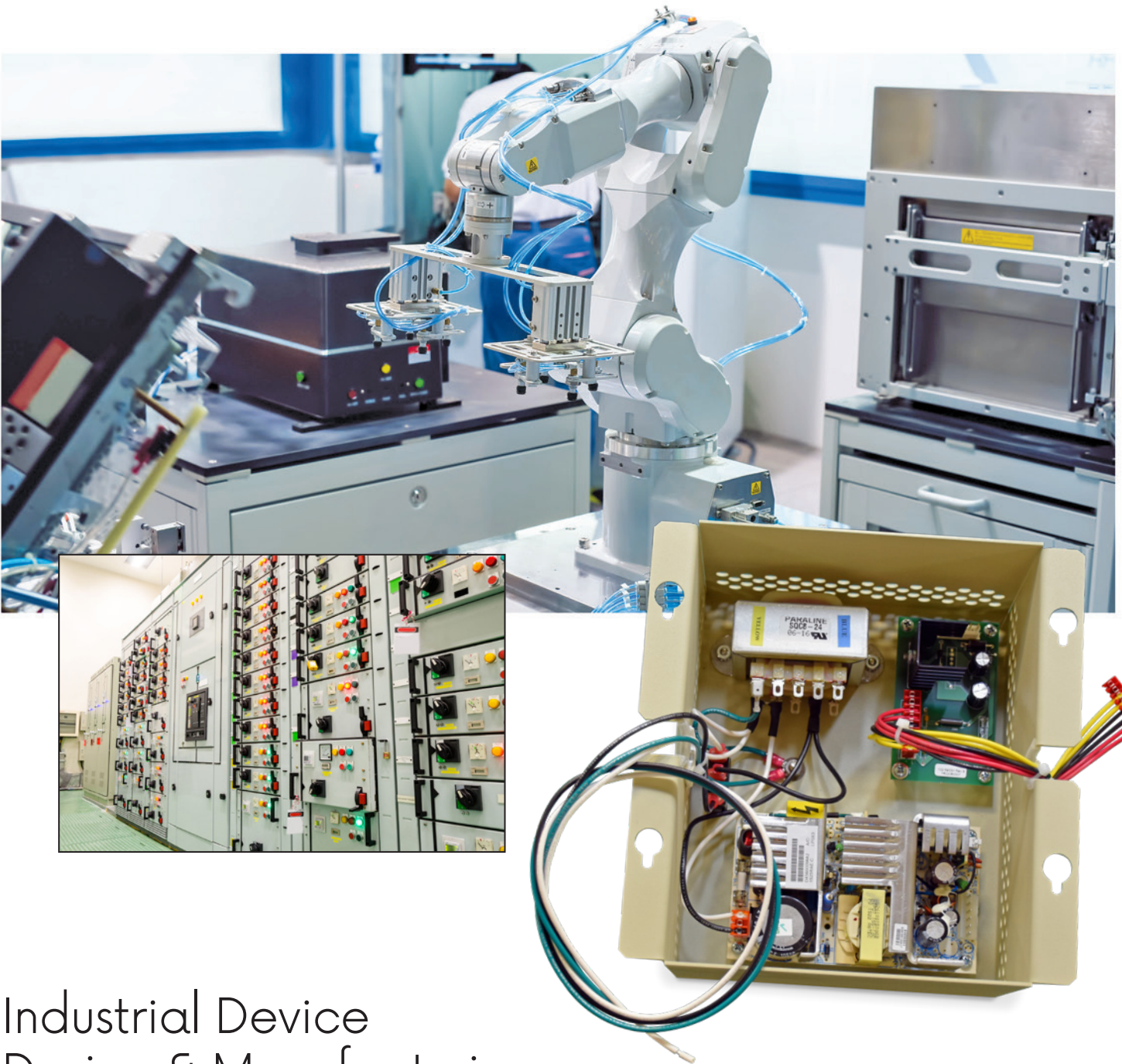
Engineering & Lab Services

AirBorn employs 50+ degreed engineers to assist at all points along the product development cycle. AirBorn utilizes an A2LA accredited* laboratory to test against the highest standards imaginable to ensure our products stand up to the rigors of strenuous industrial applications. We analyze and measure component performance against temperature fluctuation, vibration, and intense shock — just to name a few. All of our components and assemblies are designed to withstand continual usage and temperature spikes inherent in hard-driven industrial applications.

When your goal is to design unmatched excellence, quality, and reliability into your product — count on AirBorn's Model-to-Market® solutions to ensure 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.



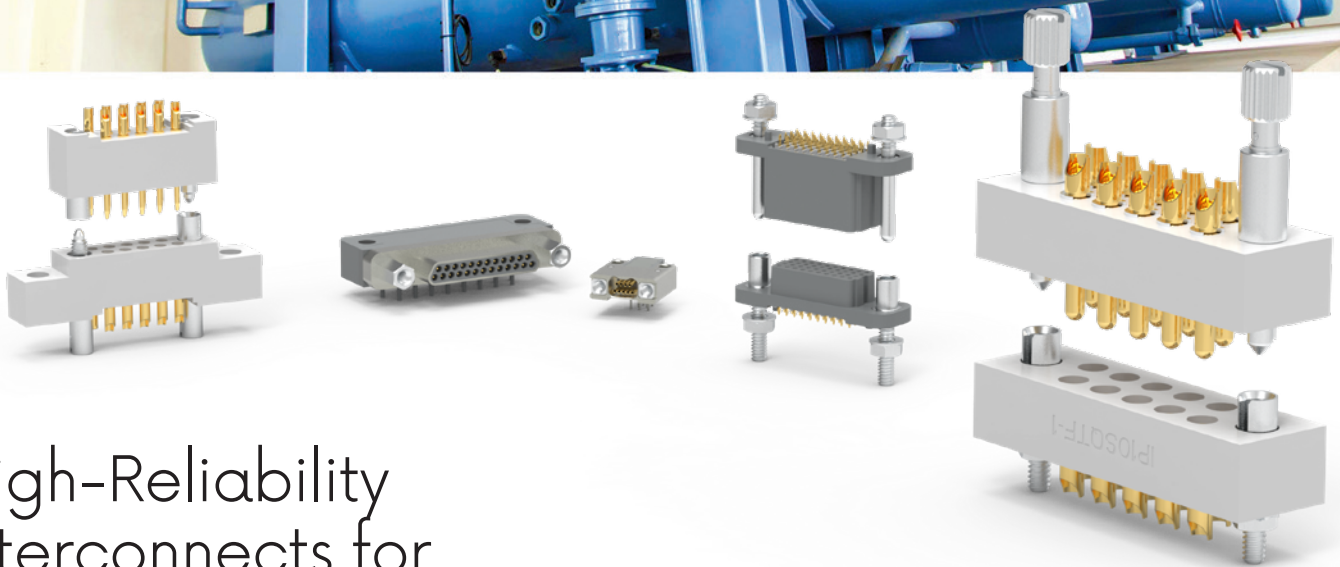
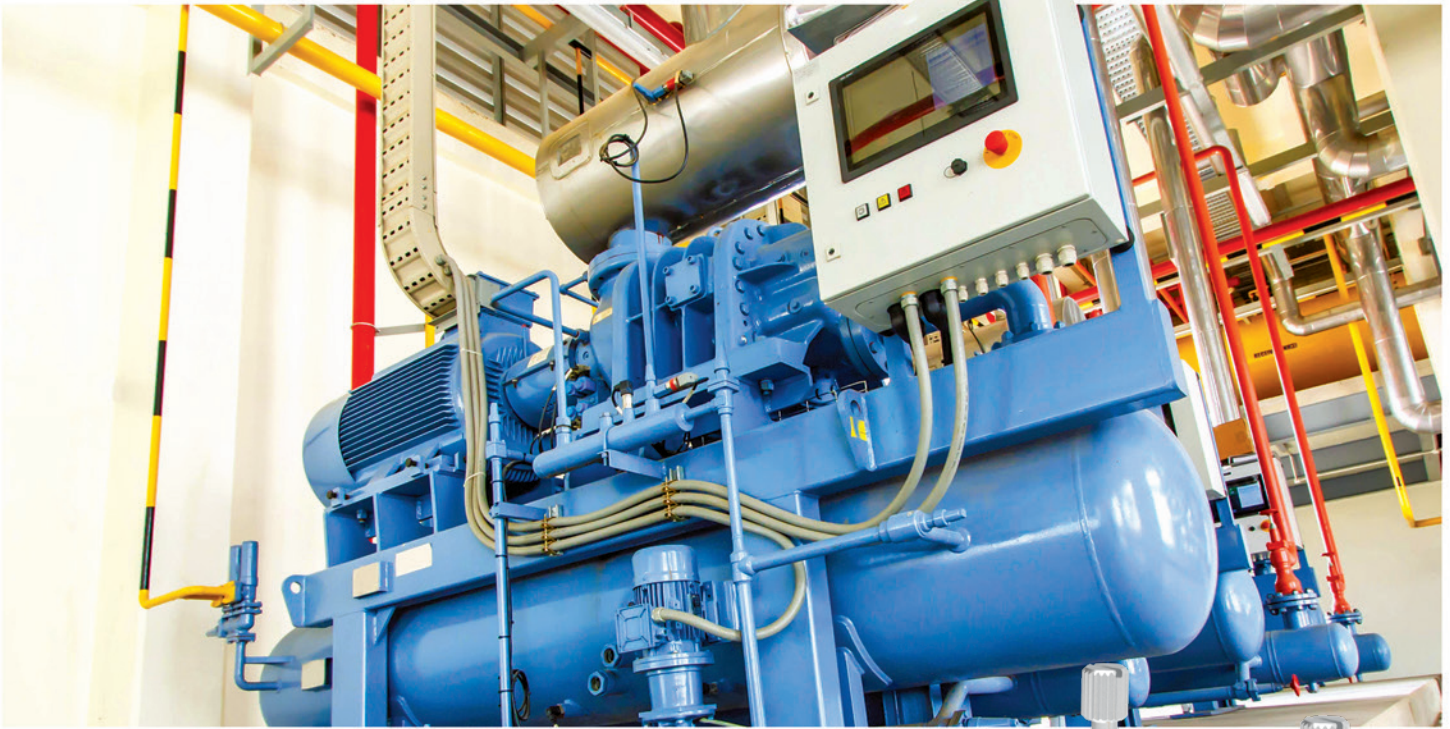
Industrial Device Design & Manufacturing

Our Model-to-Market® service means we take our customer's most rudimentary product idea and foster it through design, development, testing, and mass production. Our extensive post-build testing certifies your product consistently performs to expectations and is built to take on the challenges of highly-repetitive industrial applications.

The processes we have in place to safeguard the quality of your build include:

- Cable & harness integration
- Detailed material planning & logistics management
- Multi-plant capabilities accommodate volume orders & on-time delivery
- Procurement & inspection of standard/custom parts
- UL & CSA certified manufacturing facilities

We fabricate complete builds for our customers in the industrial machinery market space. Each box-build is manufactured to withstand extended usage.



High-Reliability Interconnects for Demanding Industrial Environments

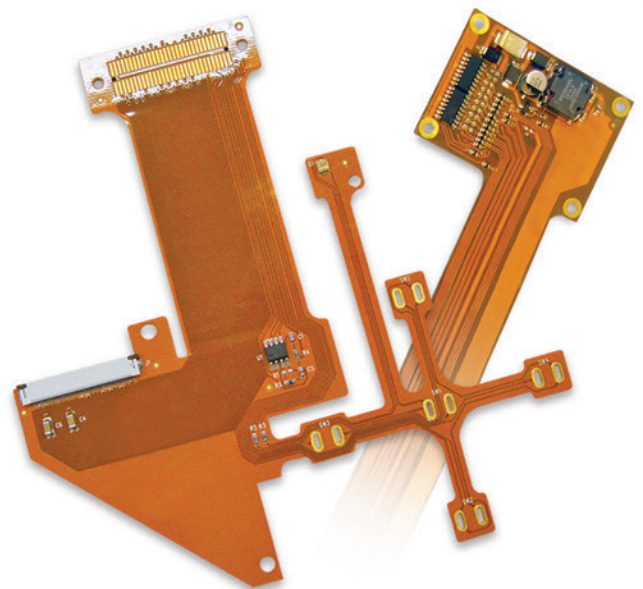
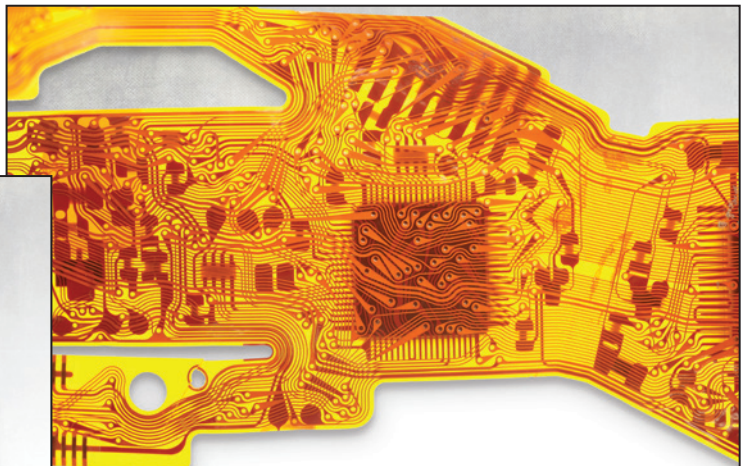
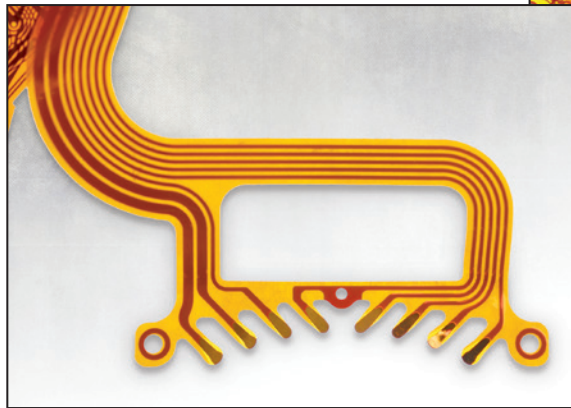
When working in the world of industrial machinery and heavy equipment, only the most rugged and reliable interconnects will do. Only connectors that withstand the around-the-clock usage, repetition, heat, and vibration of an industrial environment will make the grade. At AirBorn, dependability begins where the pin and sockets meet: the contact system. Our contact systems utilize multiple contact points — a key differentiating factor between truly rugged and 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!

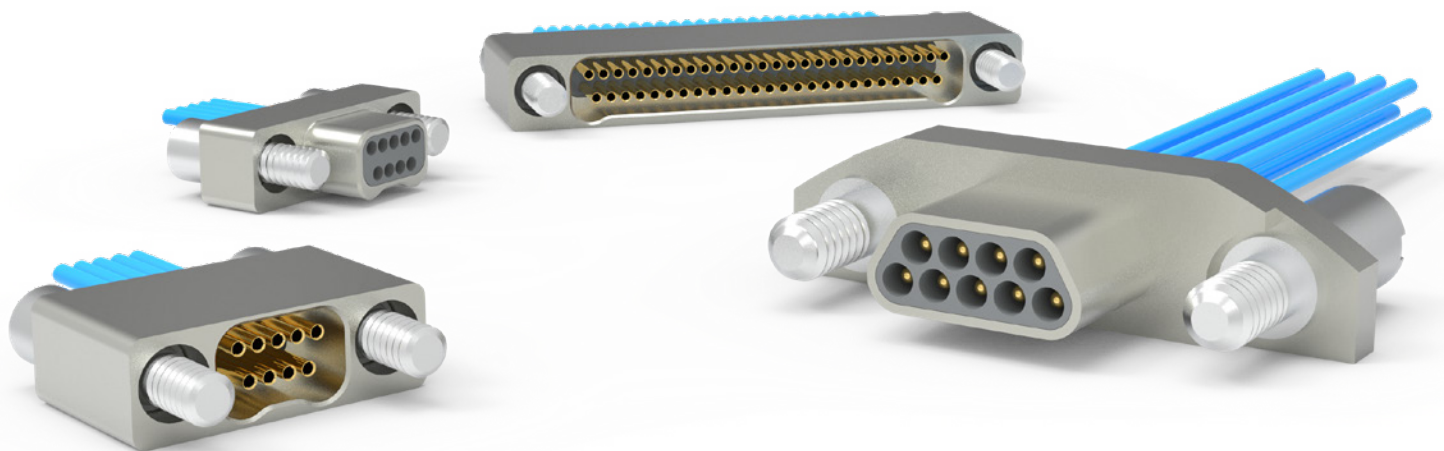
High-Speed, High-Vibration & Temperature Extremes

Design engineers are looking for interconnects that accommodate high-speed data rates while enduring while reliably operating under high-vibration environments, under fluctuating and often extreme temperatures.



Flexible Circuit Assemblies

AirBorn designs and manufactures 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 connector and electronic component.



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 accommodate all wire types: copper, fiber, RF, ribbon, braiding, and more — terminated with any connector, whether it’s AirBorn’s or not.

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.



The AirBorn Advantage

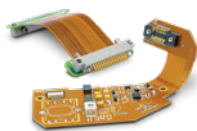
Model-To-Market Solutions



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



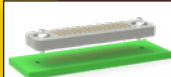
High-Speed Rectangular verSI



Modular Hybrid Snergy



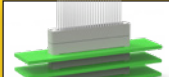
Macro D Rocket



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

IB-2.24



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