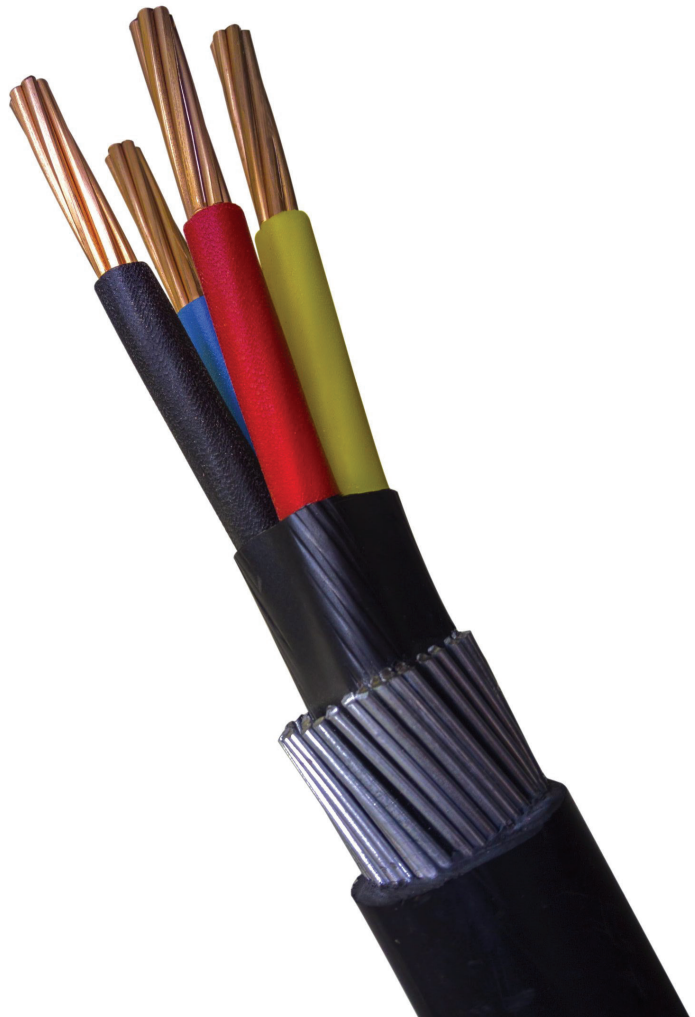


Powell

ELECTRO SYSTEMS LLC



Experts in Electro Systems for Over 45 Years

Low Powell founded Powell Electro Systems in 1971. His garage became a custom tube-manufacturing operation for DuPont. The global science and engineering innovator had challenges producing flexible Teflon tubing for ACA (their first-generation blood analyzer).

Thanks to the engineering talent and resourcefulness of Bill Powell, who joined Powell Electro in 1986, we were able to design and manufacture this critical part for DuPont and forged a strong relationship, establishing a good base for our company.

Since 1971, Powell Electro Systems has been providing value-driven cable assemblies; wiring harnesses and assemblies; tubing solutions; and electro-mechanical assembly to a variety of industries such as automotive, aerospace, biomedical/pharmaceutical, electronics and robotics.

Low-Volume Experts

Because of our lean manufacturing processes, we can provide outstanding pricing and turnaround times, regardless of volume. In fact, we consider ourselves low-volume experts, able to deliver consistent quality on time, on budget and according to specification.

A Contract Manufacturing Partner You Can Rely On

As an experienced contract manufacturer, Powell has designed and produced a wide range of cable and wiring products, flexible tubing sets and turnkey box builds for OEM, MRO and end-user customers.

Over the years, we have earned a reputation for providing dependable, quality solutions, with recognized on-time delivery and complete customer satisfaction. We have achieved this by focusing on creative problem-solving and relationship-driven service, treating every project with the same care and attention, while partnering with our clients for mutual long-term success.

Using the latest digital microscopy and light-activated heat-shrink technology, we can manufacture complete, custom solutions, including:

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- ⤿ Packaged Electrical/Electronic/ Fluid Delivery Systems
 - ⤿ Custom Wire Assemblies and Harnesses
 - ⤿ Turnkey Box Builds
 - ⤿ Custom Flexible Tubing Assemblies

Our team of experienced engineers and technicians has the expertise and dedication to design products that meet the toughest client requirements with performance reliability for years to come.

Wiring Assemblies

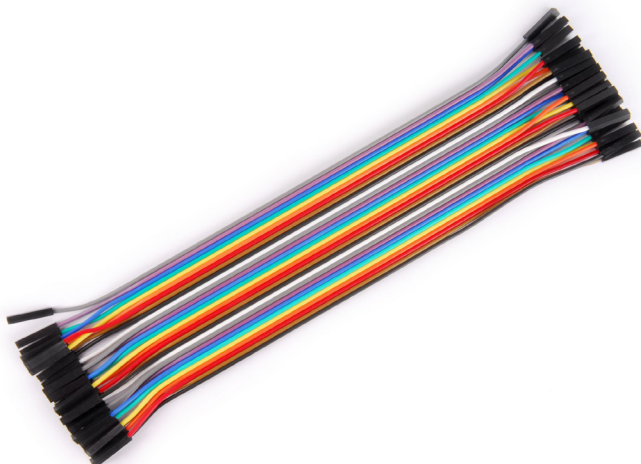
We offer a wide variety of dependable, high-performance interconnect options for system designers, working with 10-32 AWG to produce cable assemblies. Some examples include:

- Twisted Pair Modular Cable Assemblies
- Specialty Automotive Cable Assemblies
- Industrial Power Cable Assemblies
- Coaxial Cable Assemblies

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Wiring Assemblies

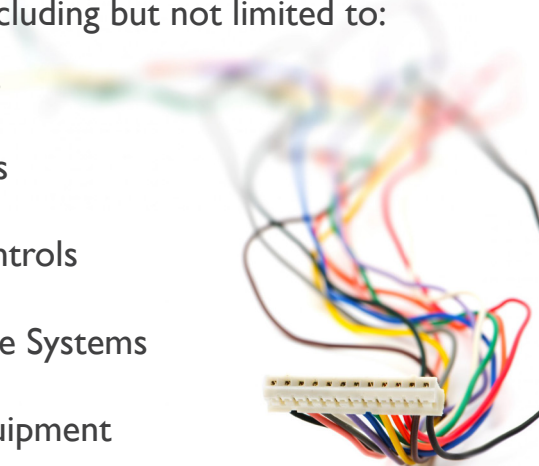
By utilizing modern insulating and shielding technologies, along with industry-standard connector types, Powell produces nearly any specialty or custom cabling solution. Each solution is built to exacting standards, then tested and inspected to ensure long-term reliability.



Custom Wiring Harnesses

Using these cable assemblies, we can design and build custom wiring harnesses for a wide variety of applications, including but not limited to:

- Electronics
- Computers
- HVAC Controls
- Automotive Systems
- Marine Equipment



Each of our reliable harnesses is tested for continuity, polarization and strength to ensure it meets the highest industry and regulatory standards while delivering perfect fit and function in any environment.

Complete Tubing Assemblies

By employing the most advanced manufacturing and precision inspection equipment, our highly qualified team is able to produce tubing assemblies up to 5/8" in diameter. Example applications include:

- Electrical/Electronic/Fluid Delivery Systems
- Diagnostic Testing Equipment
- HVAC Controls
- Air and Gas Flow Instrumentation

Powell specializes in precision forming, flaring, cutting and labeling of the narrowest diameter tubing, allowing us to produce the tightest tolerances in the industry.



If you are searching for a reliable, service-oriented contract manufacturer for your cable assemblies, wiring harnesses and assemblies, flexible tubing assemblies or box builds, contact Powell Electro Systems at (610) 869-8393 or email us at sales@electrosystems.us for a free consultation and quote.