



CABLING

CABLE ASSEMBLY FOR EVERY APPLICATION

WHAT IS CABLING?

“Cabling” encompasses everything about cable assembly; wire harnesses, adapters, point-to-point extension cables, and much more. We can attach any plug or connector to wire to move electricity and signals where they need to go.

At **SIGMADESIGN**, our IPC Certified soldering and cable assembly technicians have an arsenal of tools at their disposal to build whatever custom cables you need.

CAPABILITIES

We can customize any cable:

- IPC certified technicians
- Volumes range from 1 to 1000
- Point-to-point and multi-connector harnesses
- Integration of harnesses into products and automation equipment
- Build to standards such as:
 - IPC-A-620C
 - NASA-STD-8739.4
 - Customer Specified Standards
- Electrical, environmental, vibration and flex testing of crimps and harnesses
- Large library of crimp tooling for a wide variety of pins, including but not limited to Molex, Anderson Power, Coax, Amphenol and Glenair
- Experience with non-standard cabling, including Cicoil flat cables, high temperature conductors, thermocouple leads and high flex cables



SPECIALTY EQUIPMENT

- Enables efficient production of high quality cables:
 - Schleuniger automatic cut and strip machine
 - RoHS and leaded soldering stations
 - Coax Tooling
 - Brady wire label marking system
- Mechanical and electrical tools for testing the quality, continuity, and functionality of cables:
 - Multimeters
 - Cirris high voltage cable tester
 - Insulation resistance and dielectric withstand testing
 - Crimp pull-strength
 - S parameter testing

ABOUT SIGMADESIGN

We're experts in product design, engineering and manufacturing. In-house services include Industrial Design, Systems, Mechanical, Electrical, Firmware, and Software Engineering, Prototyping, Machining, Testing, and Manufacturing.

LET'S TALK CABLING!

Contact **SIGMADESIGN**
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