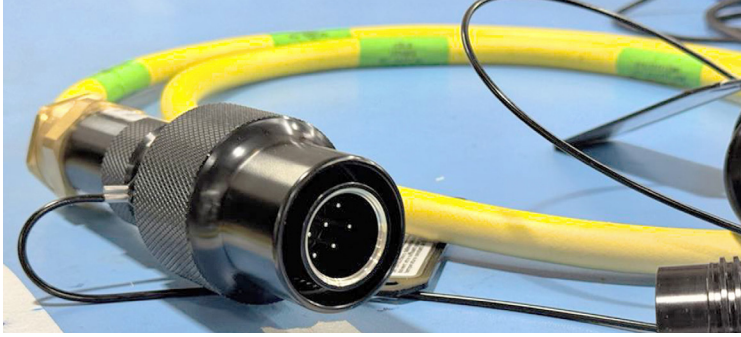


# Avionics

## Cable and Wire Harness Manufacturing



Sidus provides cutting-edge avionics and electronics solutions, producing a wide range of space system flight and ground cables, medical and mission-critical wire harnesses, military harness assemblies, electronic chassis, and electro-mechanical assemblies.

With NASA 8739.4 Level B certified instructors and technicians certified to NASA-STD-8739.4, IPC-620, and IPC-J-STD-001 with the Space Addendum, we adhere to the highest standards for flight-rated cables and mission-critical applications.

### Key Benefits

- » **State-of-the-Art Facility** - 10,000 sq. ft. reconfigurable avionics lab and 900 sq. ft. Class-8 clean room support high-volume, high-complexity builds
- » **Proven Heritage** - Over a decade of experience supporting military, commercial, and spaceflight programs with precision-built hardware
- » **Industry-Leading Certifications** - AS9100D, ISO 9001:2015, J-STD-001-IPC, and NASA STD 8739.4 ensure quality, consistency, and compliance

### Capabilities

#### Cable Assemblies

- » Fiber Optic (FO) - Data
- » High Output (HO) - Power
- » Multi-Layer (ML) - Data

#### COTS and Custom Hardware

- » Coax (TNC, SMA, HN, Tri-axial)
- » Commercial Off-the-Shelf (COTS) Hardware and Custom Hardware
- » High Density, Miniature, Power, Rectangular

#### Contacts and Terminals

- » From 26 AWG up to 4/0 AWG

#### Electrical Testing

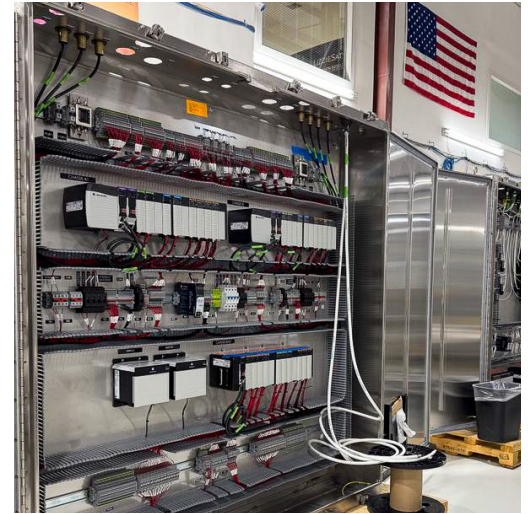
- » DC Hipot (up to 3,000 VDC)
- » AC Dielectric (up to 3,000 VDC)
- » Continuity (manual and automated)
- » End-to-end automated testing

#### Mechanical Testing

- » Pull tests from -500 to +2,000 lbs to verify crimps and splices

#### Terminations

- » Butt and Parallel Splices
- » Flag Terminals
- » Soldering (IPC-610, IPC-620, J-STD-001 [Space Addendum], and MIL-HDBK-454)
- » Thermal and Mechanical Stripping



### Heritage



AIRBUS



Jacobs



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