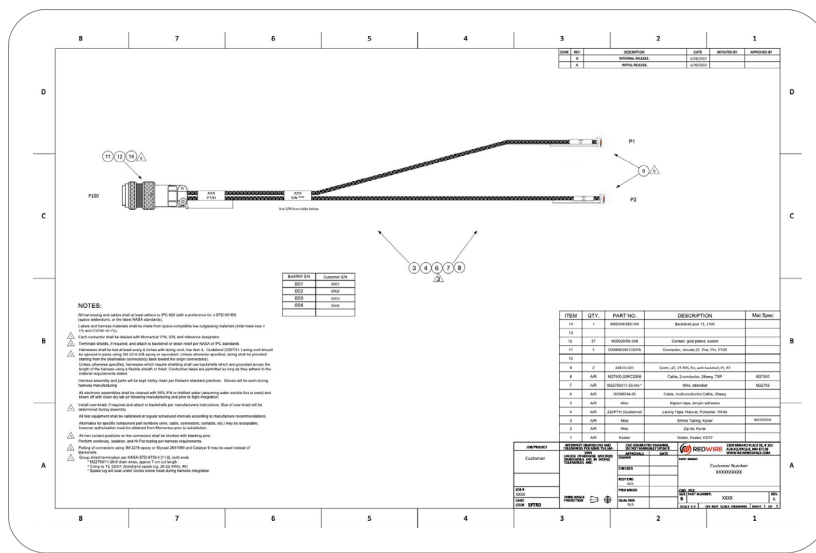




SPACECRAFT AND GSE HARNESSING

PRODUCT DESCRIPTION

Redwire's team of technicians have more than 80 years of combined experience in electronics and harness design, manufacture, assembly, and testing as well as PCB fabrication. Our team will manufacture and assemble cables and harnesses to your requirements to meet NASA specifications or the end user's requirements.



CAPABILITIES

- + Harness Analysis and Design
- + Manufacturing
- + Assembly and Test
- + PCB Fabrication
- + Spacecraft Integration and Installation
- + Security-cleared Personnel

NASA TRAINING AND CERTIFICATION CLASSES OFFERED

- + HNASA 8739.4 Cable Crimp and Harnessing
- + IPC-JSTD-001x with Space Addendum (hand soldering)
- + NASA 8739.1 Polymeric Application



FIND OUT MORE ABOUT REDWIRE SOLUTIONS

REDWIRESPACE.COM | @REDWIRESPACE | SALES@REDWIRESPACE.COM

ANALYSIS AND DESIGN

- + Create technical documents to specify connectors, harnesses, cable routing, strain relief, shielding, etc.
- + Flight-qualified parts and materials used to meet outgassing and environmental requirements.
- + Finalize electrical design.

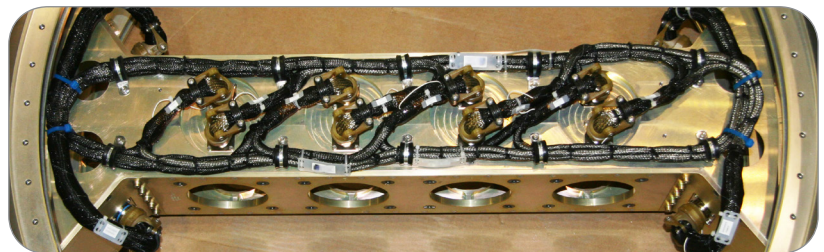


MANUFACTURE, ASSEMBLY, AND TESTING

- + **Certified Technicians**
 - IPC-JSTD-001 (hand soldering)
 - NASA 8739.4 (harnessing)
 - NASA 8739.1 (polymeric)
- + **Testing**
 - Hi-pot
 - Continuity
 - Isolation
- + **Clean area for assembly and integration**
- + **Documentation**
 - Traceability of all parts/components
 - Assembly steps and inspection
 - Mil-standard wire and cables
- + **PCB fabrication**
 - Hand assembly of boards/components

SPACECRAFT INTEGRATION AND INSTALLATION

- + **Installation and Integration**
 - Clean room/area
 - Testing after integration
 - Large and small harnesses
 - Large and small spacecraft
- + **Redwire or customer facility**



This product is export controlled. Contact Redwire for more information.

HERITAGE + INNOVATION

Redwire is a new leader in mission critical space solutions and high reliability components for the next generation space economy. With decades of flight heritage combined with the agile and innovative culture of commercial space platform, Redwire is uniquely positioned to assist its customers in solving the complex challenges of the future space missions. For more information, please visit www.redwirespace.com

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