

## SPACE-QUALIFIED HARNESSSES

North Hills supplies a wide variety of harnesses for space applications. They are available as custom configurations manufactured to comply with the physical dimensions of your platform as well as the severe environment of space.

Full traceability of all materials and soldering to MIL-STD-2000 or NHB5300.4 is provided. Our facilities are certified to ISO 9001:2000, MIL-Q-9858, MIL-STD-45662 and MIL-I-45208. Materials used in the harnesses meet the requirements for use in space and comply with NASA outgassing requirements.

North Hills manufactures its own transformers in accordance with MIL-STD-21038 and isolation resistors meet all requirements of MIL-R-39007.

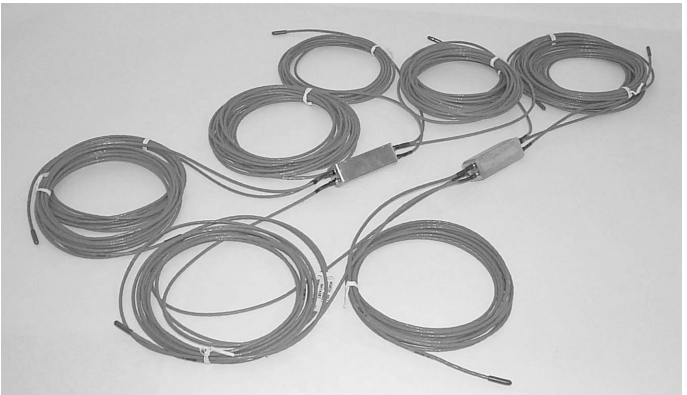
Coupler designs used on various harnesses have been qualified on many commercial and military rockets and satellites including, but not limited to:

Atlas V	Messenger Satellite
Delta IV	New Horizons Satellite
Int'l Space Station	Space Shuttle

Contact the factory about additional platforms.

### Features:

- Extended temperature range (-110°C to +135°C)
- Single or Multi-Stub configurations
- Meets NASA outgassing requirements



North Hills Space Qualified Harnesses.

### Benefits:

- Supplied as complete, fully tested harnesses
- No further assembly needed
- Quick turn around
- Supplied with user defined cable and connectors

Full environmental test reports are available and may minimize the amount of testing required for your application. North Hills makes its engineering staff and computer aided design facilities available to solve specific design problems for your application. Our well-equipped model making facility is capable of rapid prototype fabrication as well as production of limited volume custom components to close specification.

To discuss your application and which design would be best, or for more detailed information, please contact us.