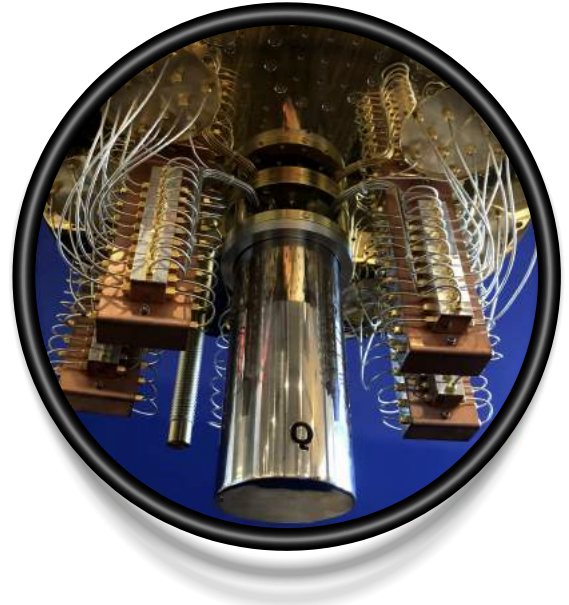
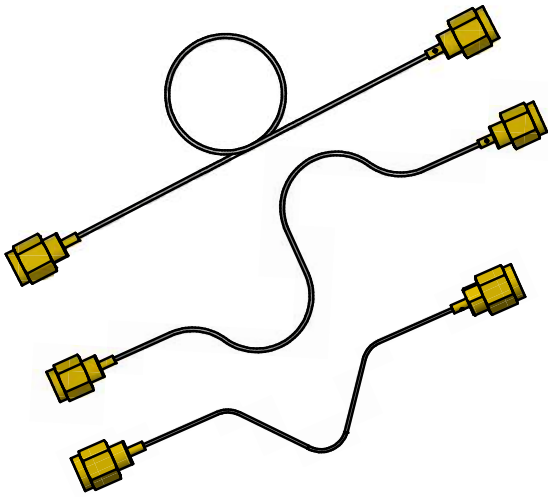


Non-Magnetic SMA Cable Assemblies

for Low Temperature Applications



The Phoenix Company specializes in custom Low Temperature Microwave Cable Assembly solutions based on our carefully designed, low temperature SMA connectors. These unique, non-magnetic SMAs come pre-cabled on .034" Cupro Nickel semi-rigid coaxial cable which is rated for cryogenic environments.

A Focused Effort

The Phoenix Company's Low Temperature Cable Assemblies are well-suited for a wide range of markets (including **Test and Measurement, Deep Space, Medical, and Cryogenic Systems**) and have been developed with a strong focus on coaxial solutions for the following applications: **Quantum Computing, Ultra-Low Temperature Physics and Engineering, Cryogenic MRI, and General Low Temperature Research.**

Characteristics

- 50 Ohm Impedance
- Performance to 18 GHz
- Low VSWR
- VSWR/IL Testing Available
- 100% Hi-Pot and Continuity Testing

Do More with *POINT*

With the introduction of the *POINT* (Phoenix Open Innovation Transformation) program, The Phoenix Company is moving towards open innovation and we'd like to take our customer with us. This approach to development is based on combined experience and fosters mutual success. Collaborate with our team for low temperature cable assembly drafting assistance, design for manufacturability assessments, and risk/buy analysis, project schedule reviews, and reduced prototype lead times.

Dependable Quality

All Phoenix Company cable assemblies are built by **J-STD-001** and **IPC/WHMA-A-620** certified operators and are inspected 100% for Continuity and Hi-Pot. Contact us today to discuss a custom test plan or request a cable forming consultation and recommendation; we ensure that your Low Temperature Microwave Cable Assemblies meet expectations and are formed correctly to withstand the stresses of thermal expansion and contraction. Each Low Temperature Microwave Cable Assembly is prepared and packaged to arrive in a clean environment.



Leading Blindmate Microwave Contact Technology

For more information please contact us at:
sales@phoenixofchicago.com

