

# Blindmate Microwave PkZ<sup>®</sup> Cable Assemblies



## Choose PkZ Cable Assemblies by The Phoenix Company of Chicago

As manufacturer of the PkZ blindmate contact, The Phoenix Company offers an unparalleled level of expertise in building and testing blindmate PkZ cable assemblies. Our cable assembly processes optimize performance across the PkZ's wide axial mating tolerance while specifically designed test programs ensure blindmate compliance. For over three decades, PkZ cable assemblies have been our core competency trusted by all major industries with total volumes produced numbering in the millions.



## Freedom of Cable Choice

Our PkZ contact designs accept a growing list of coaxial cable brands including Times, Belden, Harbour, Hirose, Insulated Wire, W.L. Gore, and more. In addition to accommodating a wide range of cable brands, we stock a full selection of coaxial cable types including flex, conformable, semi-rigid, low loss, and micro-coaxial cable (options available in 50 and 75 Ohm). Beyond our collection of established PkZ contact arrangements, we can quickly modify existing PkZ designs to accommodate alternate cables.

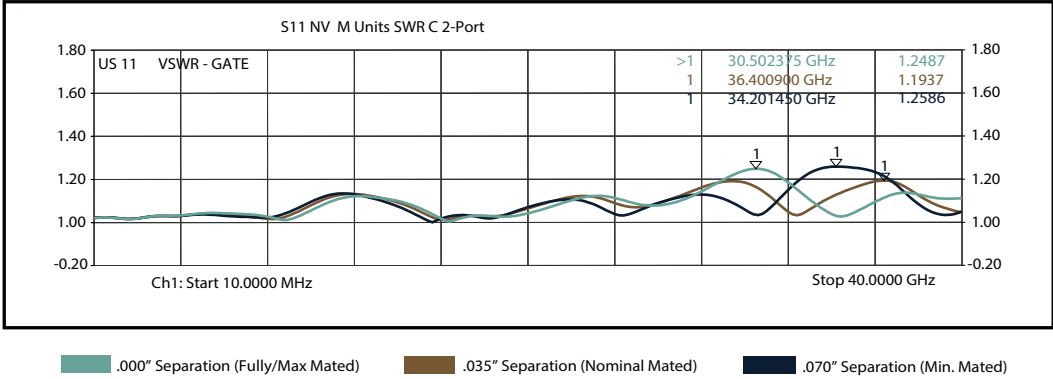
Our goal is to support customers, not constrain them.

## U.S. Based Manufacturing: Piece of Mind

We develop and produce our PkZ contacts and cable assemblies close to home which is an important factor for service, quality assurance, and on-time delivery. Proximity, in addition to a vertically integrated manufacturing operation, allows us to deliver the strong value our customers have come to expect. Although we reside in the U.S., our product lines are well-traveled. We communicate daily with international customers and serve locations around the world.

## Reliability and Commitment to Quality

- ISO 9001:2015 registered.
- Cable Assembly Operators and Inspectors are J-STD-001 and IPC/WHMA-A-620 certified.
- High Frequency simulation modeling available.
- PkZ designs tested over full axial mating tolerances - up to 0.110" separation (series dependent).
- Design capabilities to 50 GHz, test data available with your next qualified order.



## Innovation Through Collaboration

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 customers with us. This approach to development is based on combined experience and fosters mutual success. Collaborate with our team for PkZ cable assembly drafting input and assistance, design for manufacturability assessments, and alternate sourcing and material planning proposals, including risk/buy analysis, project schedule reviews, and reduced prototype lead times.

## A Solid Decision

Blindmate cable assemblies incorporate specialized performance features to avoid signal degradation in field use. As designer of the PkZ contact, The Phoenix Company is uniquely qualified to manufacture and test your PkZ cable assemblies for application performance optimization. Over the past 30 years, our quality and customer service has made Phoenix the trusted supplier of PkZ blindmate cable assemblies.

**For refined performance and true expertise, specify The Phoenix Company for your PkZ cable assembly requirements.**

For more information, please contact us at: [sales@phoenixofchicago.com](mailto:sales@phoenixofchicago.com)  
**Our Sales Application Engineers are available to discuss and support your requirements.**