



High Density Quantum 18 GHz Board-Level RF Connection System

Advancing RF Density with Quantum-Proven PkZ® Performance

The HDQ™ Connection System is a complete cable-to-board microwave interconnect solution for Quantum Processor Board applications. The High-Density system utilizes non-magnetic blindmate PkZ technology; featuring a proven, constant impedance design to enable a high frequency interconnection of **up to 47 cables** in a single plug-in operation.

Choose from an array of standard **18 GHz** solutions to fit projects ranging from small cryostats to large dilution refrigerators:

- 3 HDQ housing sizes
- 4 contact board mounting configurations
- 5 cable assembly lengths

Part numbers, technical specifications, and drawings are available through the HDQ Configurator's product selection feature:



Specialized and custom requirements are well-supported by The Phoenix Company's full design Engineering staff, a vertically integrated factory, and a knowledgeable Sales team.

