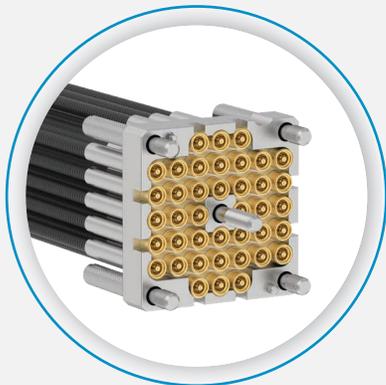
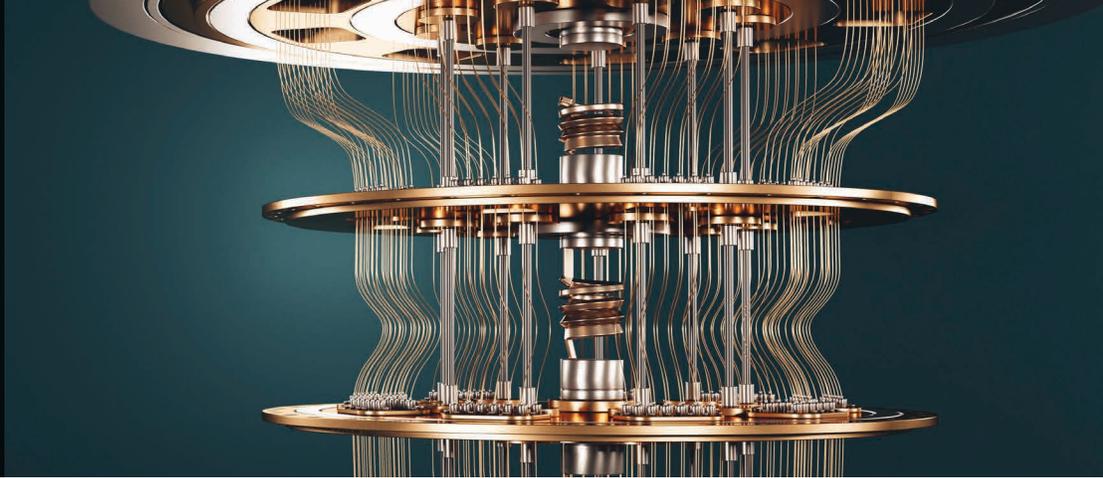


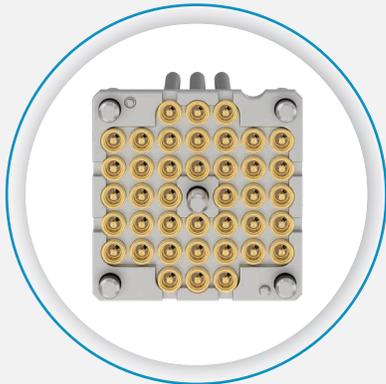
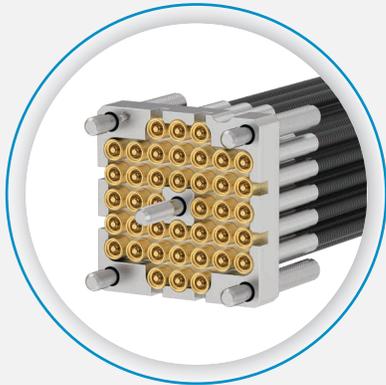
F2C-40

High-Density &
Multi-Coaxial Solution



Radiall developed a 40-pin high-density multi-coaxial solution in response to commercial quantum computer market demands. This non-magnetic and solderless solution with a floating structure is perfectly suited for commercial quantum computer applications with more qubits.

- Solderless, compression mount PCB interface
- Guiding and floating structure
- High density, pitch = 3.5 mm
- Cryogenic (10 mk)
- Non-magnetic
- Qualified for quantum computers
- Cable assembly is RoHS compliant
- Patented by Radiall



Radiall's F2C-40 is a high-density solution for commercial quantum computer applications. This cryogenic (10 mK), non-magnetic and solderless solution features a floating structure to support market requirements.

- Guiding and floating structure:
 - Outer conductor floating range: 0.15 mm
 - Center conductor floating range: 0.15 mm
- High-density: 40 Pin in 30*30 mm board, pitch = 3.5 mm
- C/A: Flexible and non-magnetic cable assemblies
- Frequency: Typ. 18 GHz

FEATURES & BENEFITS

- Solderless, compression mount PCB interface
- Guiding and floating structure on outer and center conductor
- High-density
- Cryogenic (10 mK)
- Non-magnetic

APPLICATIONS

- Quantum Computer
- Others