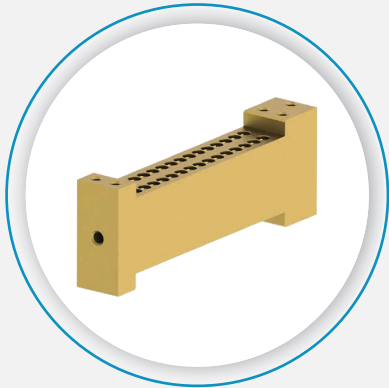


MICROWAVE SOLUTIONS FOR QUANTUM

High Performance Components
for Quantum Computing

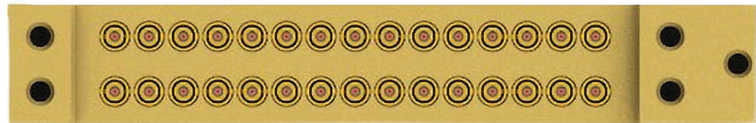


IMP-SR RF

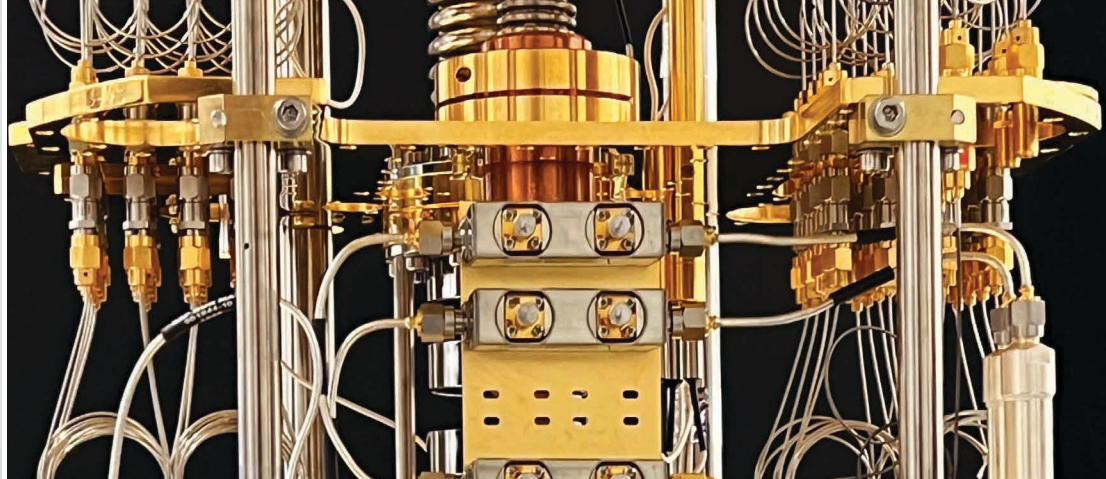
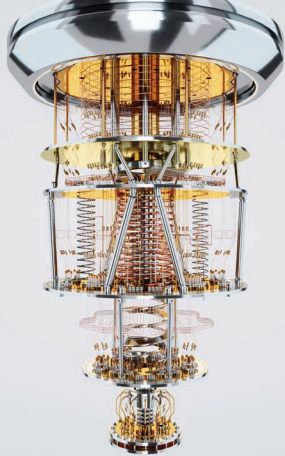


Infrared Filters

Radiall's microwave solutions are designed to support the intricate needs of quantum computer manufacturers and research labs. These components ensure high density and reliable connectivity in cryogenic environments, maintaining signal integrity at temperatures close to 10 millikelvin.



Radiall's microwave solutions are essential for quantum computing environments, where precision and reliability are critical. These components, including attenuators and filters, ensure seamless signal transmission across the quantum fridge stages. With minimal insertion loss and the ability to operate at frequencies up to 18 GHz, they are built to meet the rigorous demands of quantum systems.



Cryogenic Attenuator

Our attenuators are specifically designed for use in cryogenic conditions, ensuring consistent performance across all temperature ranges. Paired with our high frequency filters, these solutions maintain the integrity of signals within the quantum system, providing reliable connectivity for both quantum computer manufacturers and research labs.

FEATURES & BENEFITS

- Wide frequency range up to 18 GHz
- Minimal insertion loss for clean signal transmission
- Reliable performance across all fridge stages in cryogenic environments
- Customized solutions for quantum applications
- Work at 10 millikelvin

APPLICATIONS

- Quantum computing
- Cryogenic systems