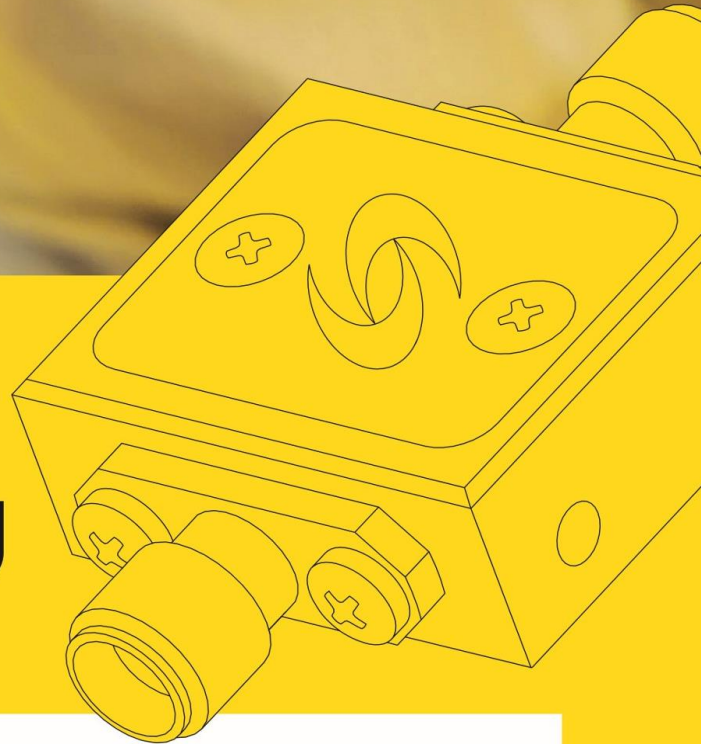


**Qubit-in-a-box 0 (QiB0)**



# Quantum device for benchmarking and calibration

We offer single qubits device for equipment and cryostat testing with world class Qubit performance. The device can be used to benchmark your quantum measurement system or demonstrate simple quantum processes such as decoherence and dephasing.

## Highlights

- High-performance Qubits with  $T_1 = 90 - 130 \mu\text{s}$  on average and up to  $224 \mu\text{s}$ .
- Including 4 fixed frequency Qubits and 2 hanging Coplanar waveguide (CPW) resonators ( $Q_i \sim 1M$ ).
- Enclosed in an electroplated copper box with 2 SMA ports.

