



QUANTUM MICROWAVE

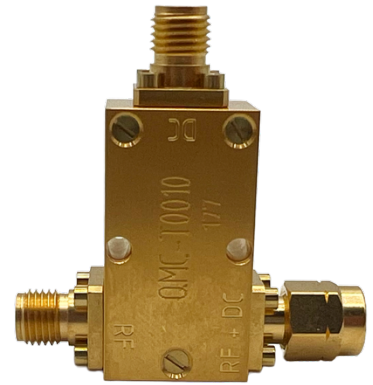
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## Low Frequency Cryogenic Bias Tee

P/N: QMC-CRYOTEE-0008

Features:

- RF Path: 650 kHz – 8 GHz
- Stackable
- Low Insertion/Return Loss
- Cryogenic functionality



| Parameter         | Specification   | Notes            |
|-------------------|---|------------------|
| Frequency Range   | DC path: DC – 10 kHz (DC to RF+DC)<br>RF Path: 650 kHz – 8 GHz (RF/RF+DC) |                  |
| Insertion Loss    | 1.0 dB  |                  |
| Return loss       | 15 dB   | 650 kHz to 8 GHz |
| Connectors In/Out | Port 1, RF+DC: SMA(M)<br>Port 2, RF SMA(F)<br>Port 3, DC: SMA(F)          |                  |
| Housing Material  | OFHC Copper / Gold Plated   |                  |
| Max Voltage       | 15 V  |                  |
| Max Current       | 200 mA  |                  |

### Measured Data (Typical)

