QUANTUM MICROWAVE

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Cryogenic Bias Tee

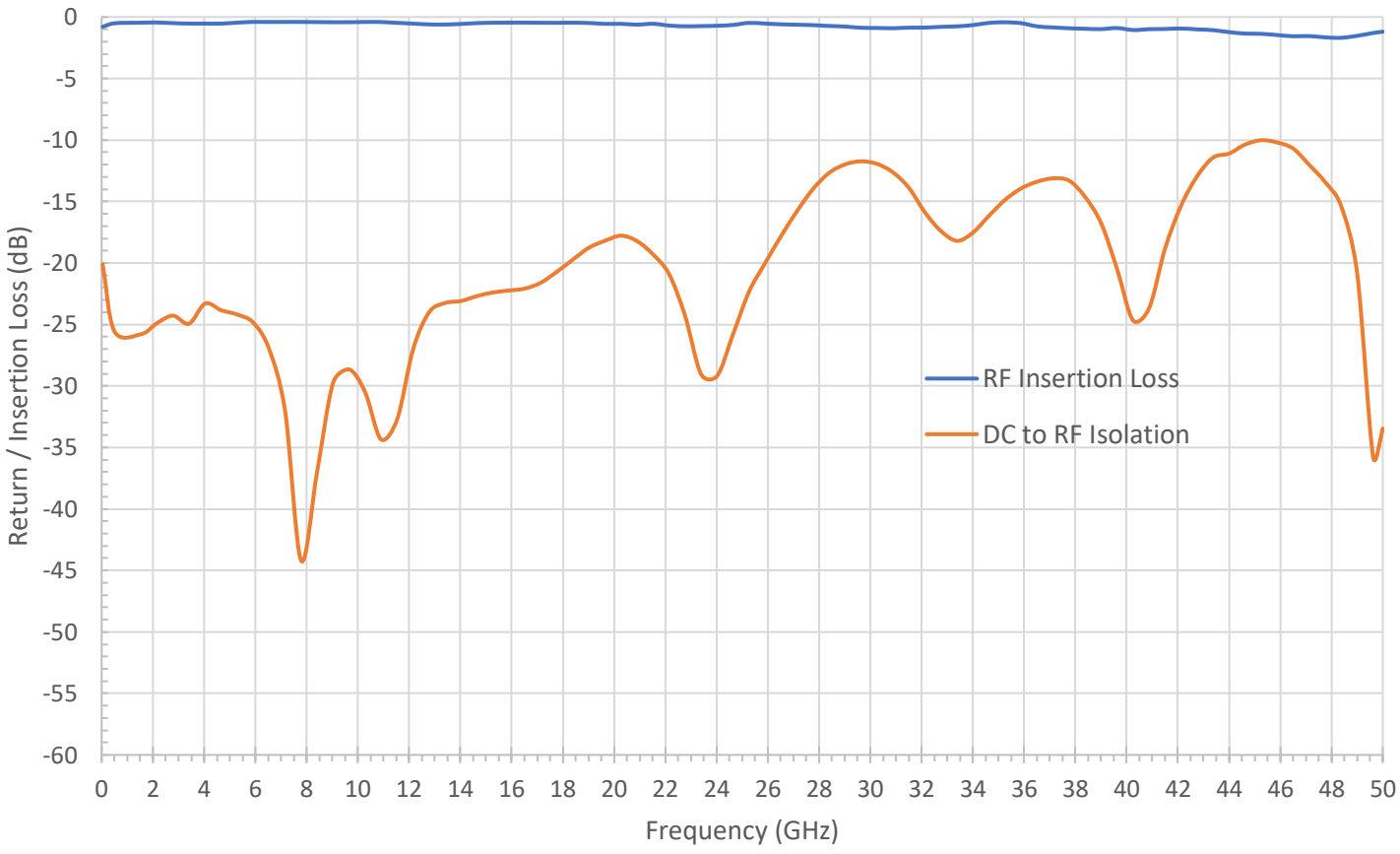
P/N: QMC-CRYOTEE-DC50

This Bias Tee design is for cryogenic and room temperature operation.

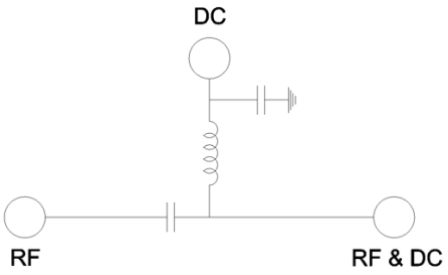
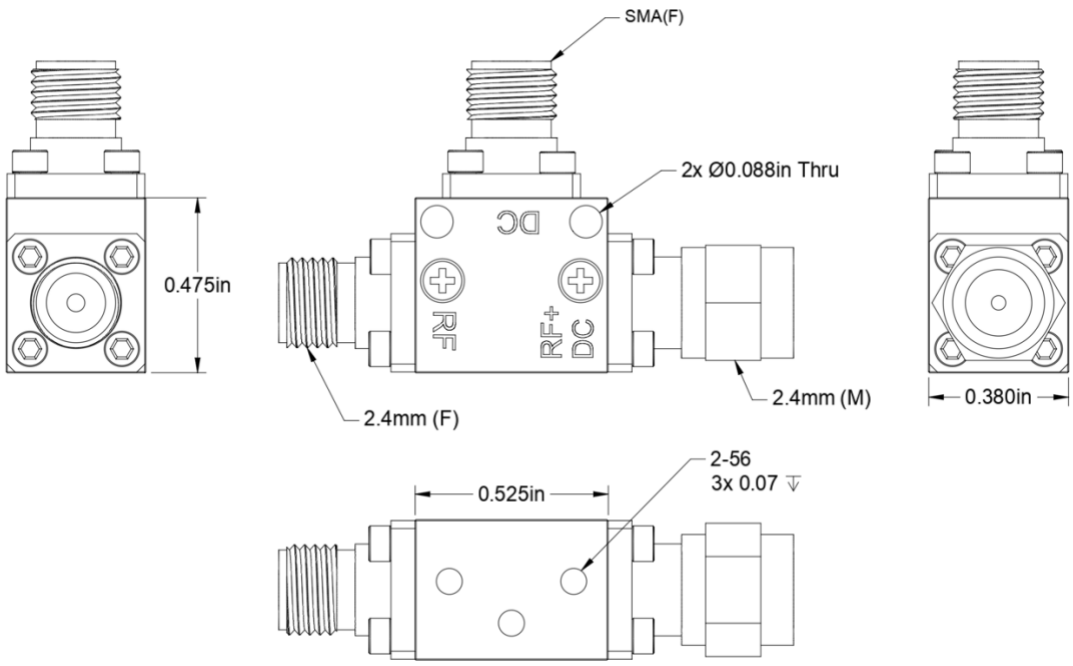
- Broadband design
- Stackable
- Low Insertion Loss
- Cryogenic functionality

Parameter	Specification	Notes
Frequency	0.2 to 50 GHz	
Insertion Loss	0.75 dB	From 0.2 to 18 GHz (Cold)
	1.5 dB	From 18 to 50 GHz
Return loss	-20 dB	From 0.2 to 26 GHz
	-15 dB	From 26 to 50 GHz
RF Connectors	2.4mm	RF (F) and DC+RF (M)
DC Connector	SMA	DC (F)
Housing Material	OFHC Copper / Gold	
Max Voltage	35 V	
Max Current	225 mA	

Measured Data (Typical)



Circuit Schematic



Outline Drawing