QUANTUM MICROWAVE

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Cryogenic Bias Tee

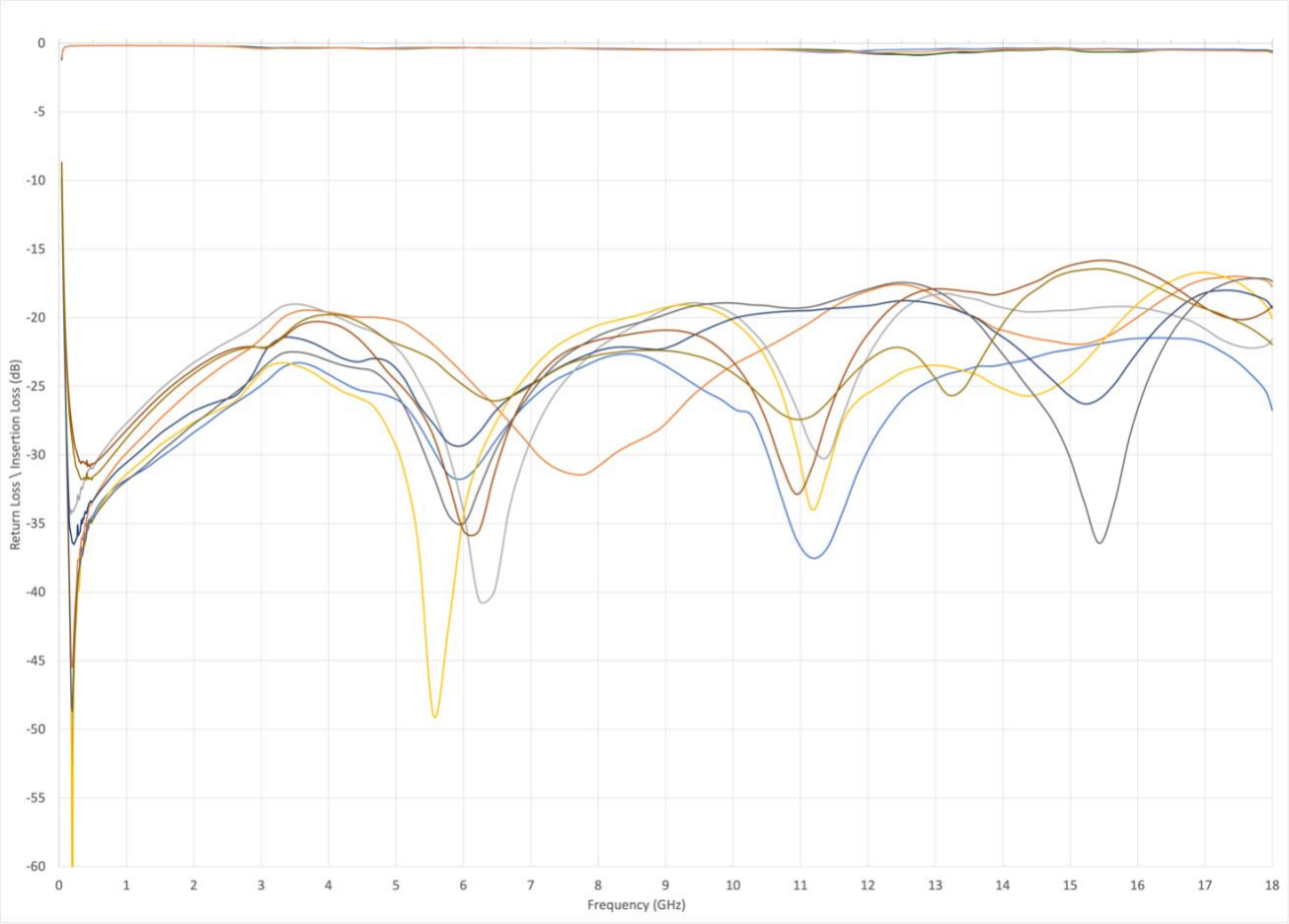
P/N: QMC-CRYOTEE-S0.218SMA

This Bias Tee design is for cryogenic and room temperature operation is ultra compact. Constructed out of high quality gold plated OFHC Copper for cryogenic use down to 4K.

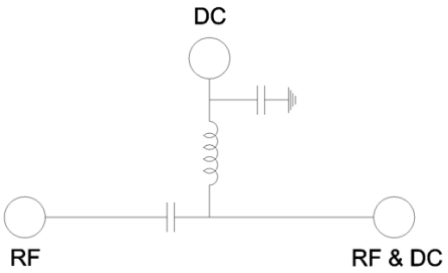
- Broadband design
- Stackable
- Low Insertion Loss
- Cryogenic functionality

Parameter	Specification	Notes
Frequency	0.2 to 18 GHz	
Insertion Loss	0.25 dB	0.2 to 12 GHz (Cold)
	1 dB	0.2 to 18 GHz
Return loss	-20 dB	0.2 to 12 GHz
	-15 dB	12 to 18 GHz
Connectors In/Out	SMA	RF/DC (F) and DC+RF (M)
Housing Material	OFHC / Gold Plated	
Max Voltage	35 V	
Max Current	225 mA	

Measured Data (Typical)

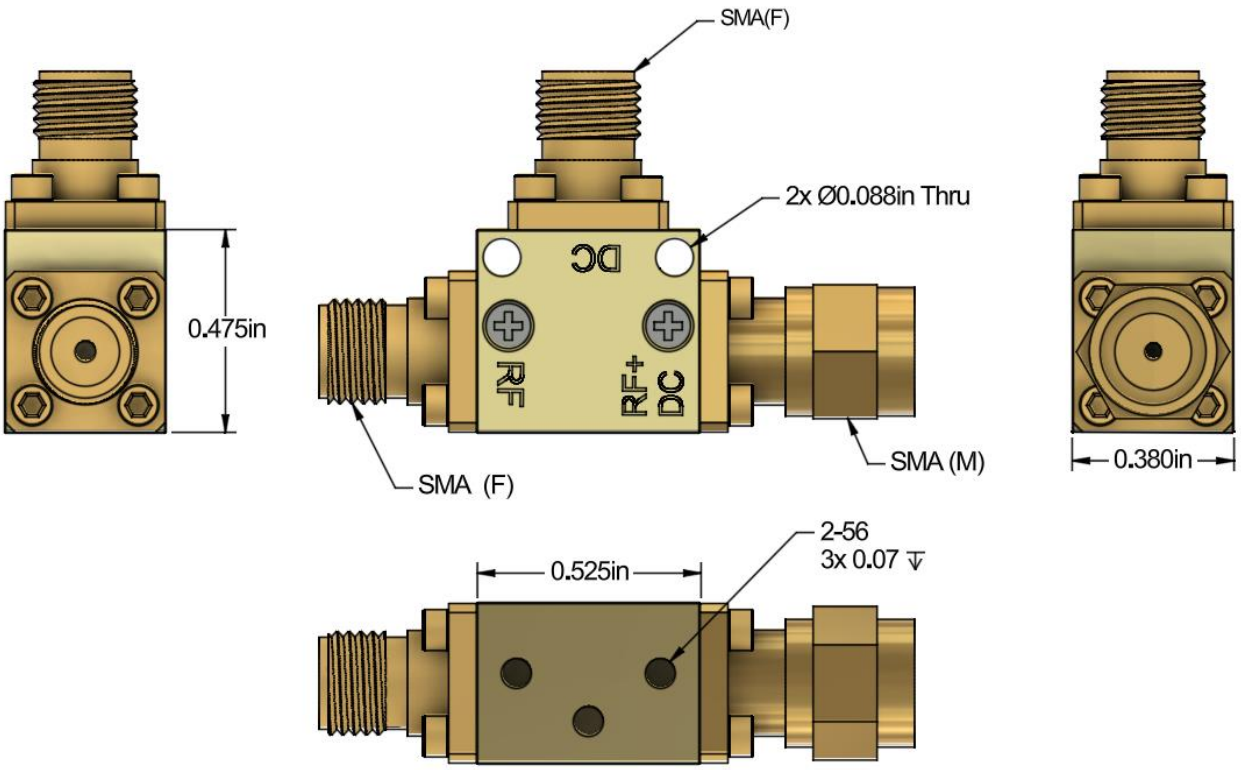


Circuit Schematic



Outline Drawing

P/N: QMC-CRYOTEE-0.218SMA Rev C

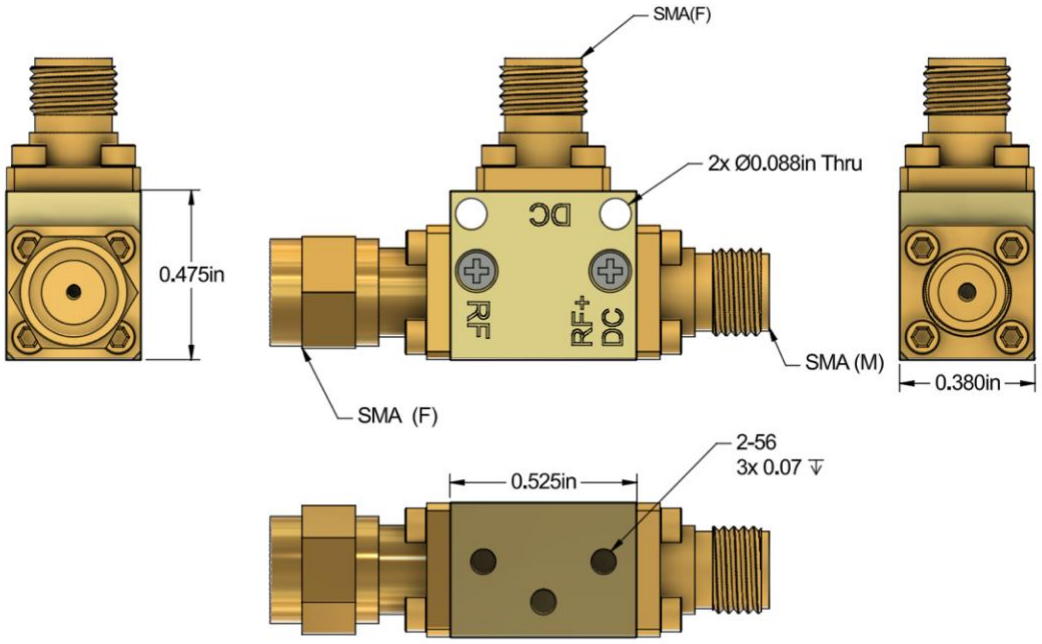


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P/N: QMC-CRYOTEE-0.218SMA-FMF Rev C



P/N: QMC-CRYOTEE-0.218SMA-FFF Rev C

