



[www.QuantumMicrowave.com](http://www.QuantumMicrowave.com)

**P/N: QMC-CRYOATTK-03**

## **40 GHz Thermalized Low Noise Cryogenic Attenuator**

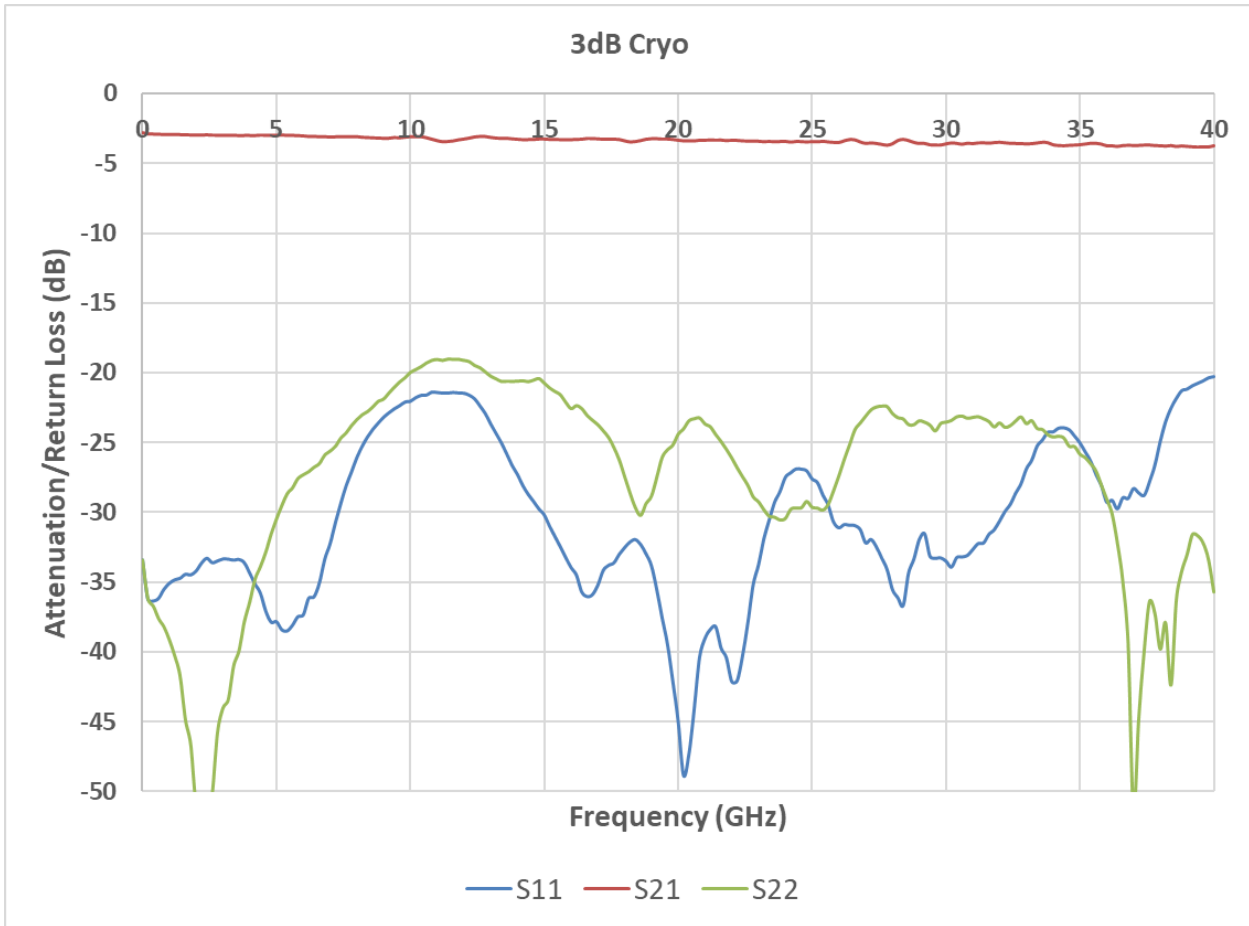
### **Features**

- Frequency: DC to 40 GHz
- 3dB attenuation
- Minimal change in attenuation with temperature
- Excellent RF Match
- Non-superconducting microstrip pad
- NiCr on crystal quartz dielectric
- Silver Epoxy bonded
- Machined OFHC block, gold plated
- 2.92mm connectors
- Stackable mechanical design

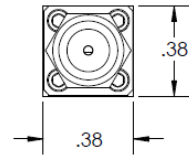
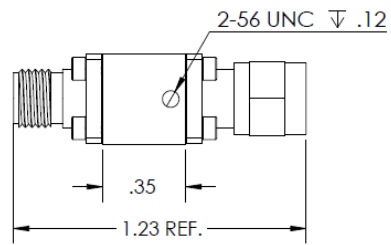
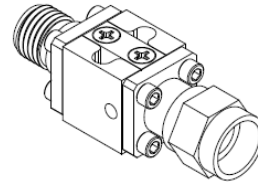
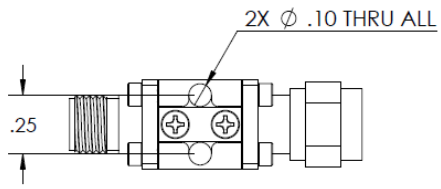


<b>Parameter</b>	<b>Specification</b>	<b>Notes</b>
Frequency Range	DC to 40 GHz	
Insertion Loss variation with frequency	1dB typical	
Return Loss, all models	-13dB typical (-15dB typical, DC to 30 GHz)	See graph
Connectors	2.92mm (m-f)	
Max Power Handling	100 mW	

### Measured Data (typical)



**Outline Drawing [inches]**



**Quantum Microwave Components Phone 857-499-0071, Fax 888-893-7188**