

## P/N: QMC-CRYOATT-10      Thermalized Low Noise Cryogenic Attenuators

### Features

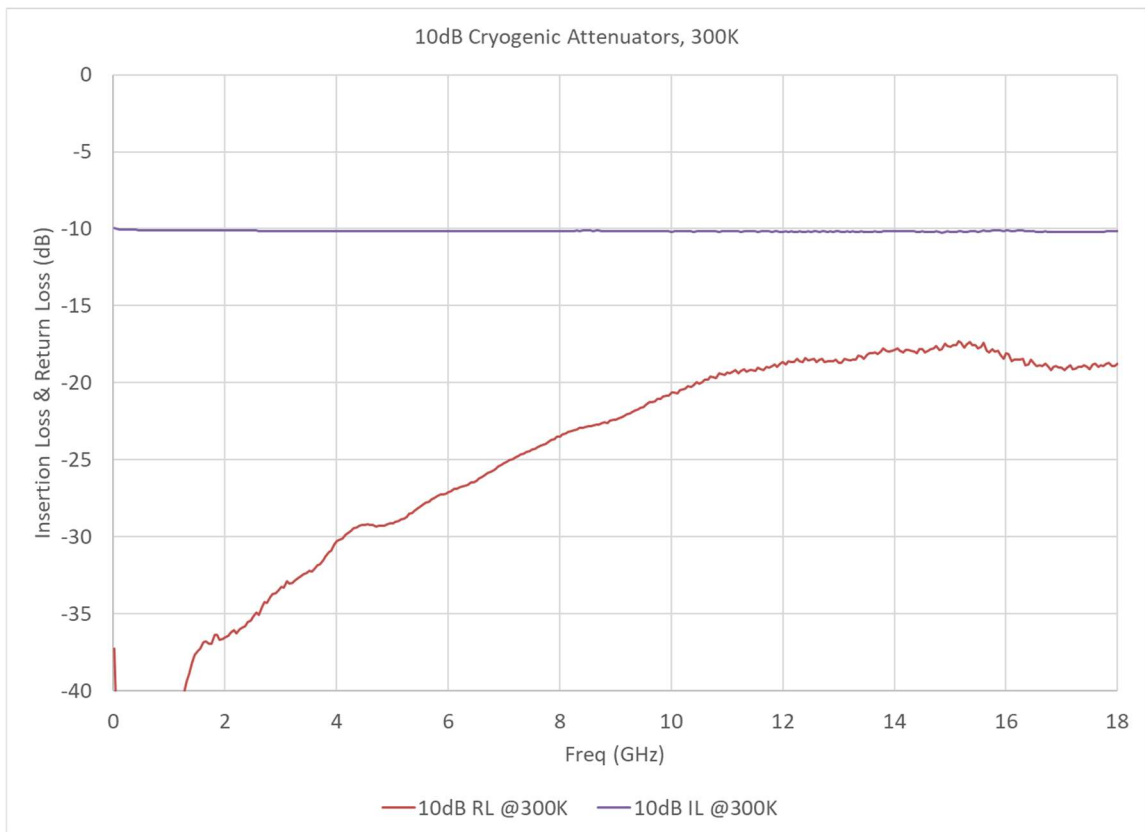
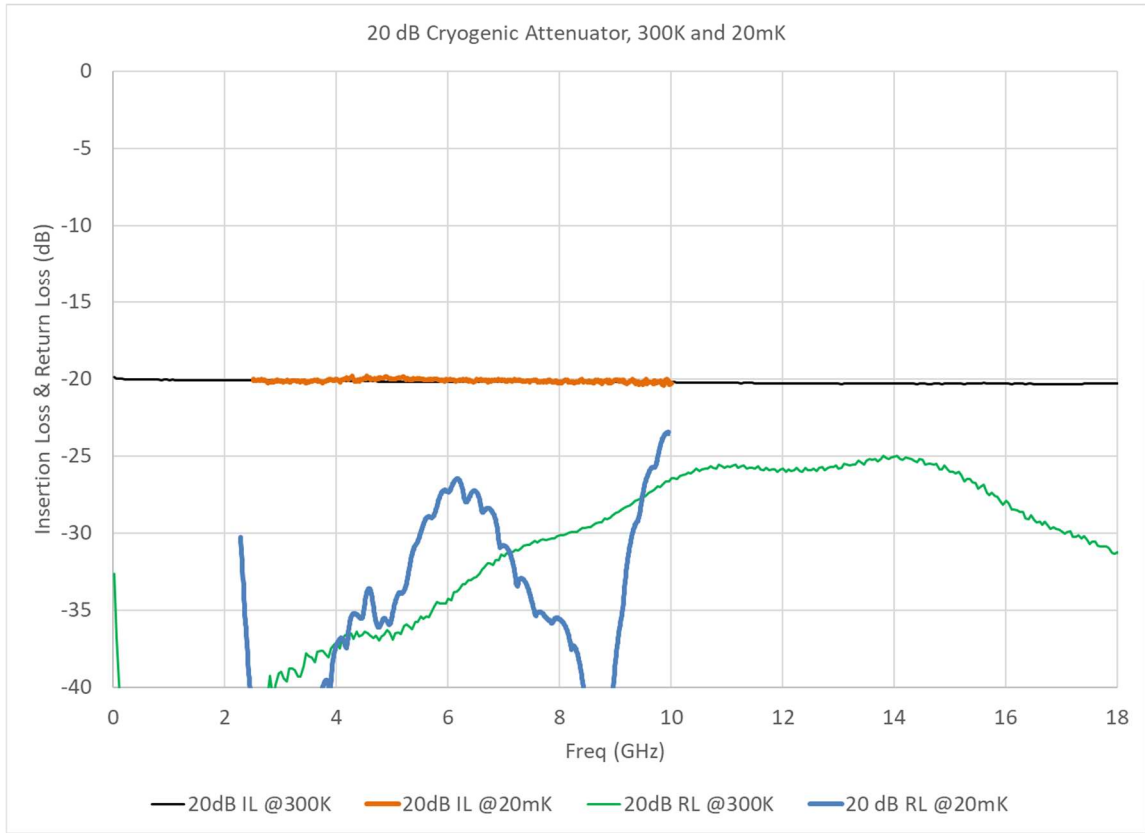
- Frequency: DC to 18 GHz
- 10dB and 20dB models
- Minimal change in attenuation with temperature
- Excellent RF Match
- Non-superconducting microstrip pad
- NiCr on thermally conductive dielectric
- Silver Epoxy bonded
- Machined OFHC block, gold plated
- SMA connectors
- Stackable mechanical design



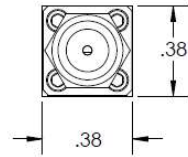
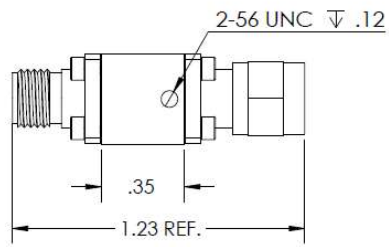
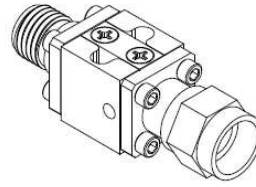
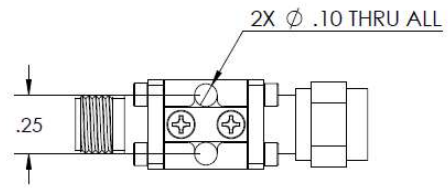
Parameter	Specification	Notes
Frequency Range	DC to 18 GHz	
Attenuation Setting @5GHz	10dB +/- 0.5 dB 20dB +/- 1.0 dB	
Insertion Loss variation with frequency	10dB: 0.2 dB typ. 20dB: 0.5dB typ.	See plot
Return Loss, 10 dB atten. Return Loss, 20 dB atten.	-15dB typ. -20dB typ.	See plot
Connectors	SMA (m-f)	
Max Power Handling	100 mW	



## Measured Data (typical)



**Outline Drawing [inches]**



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