www.QuantumMicrowave.com

P/N: QMC-CRYODPLX-0218

2-18 GHz Cryogenic Bias Diplexer

Features

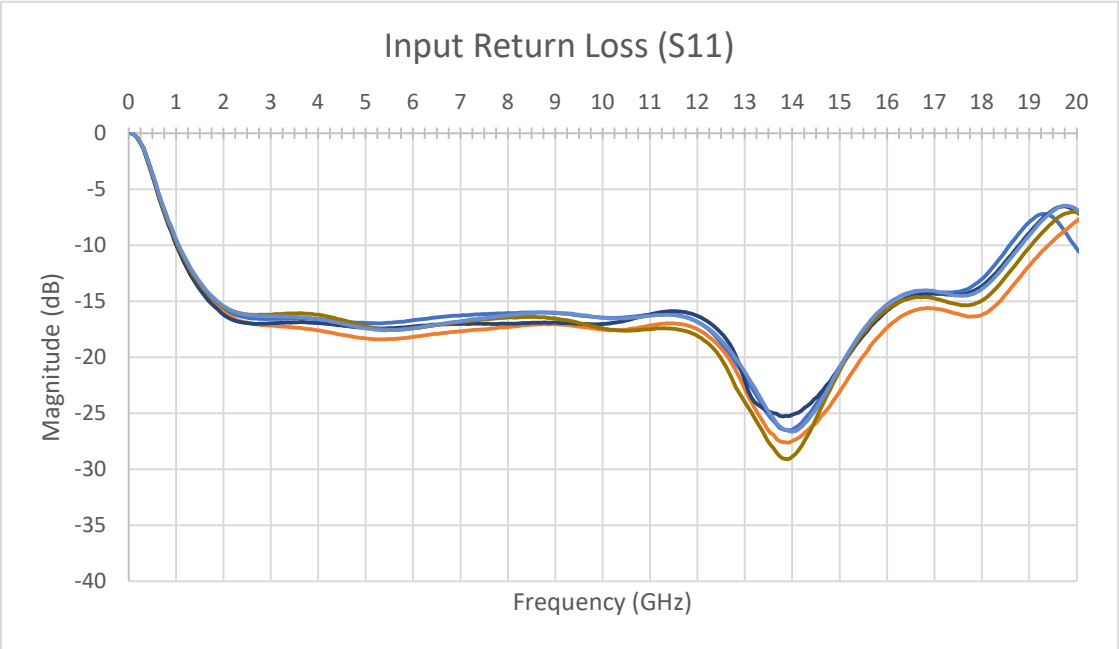
- Bias Path: DC - 500 MHz
- RF Path: 2 GHz - 18 GHz
- OFHC Housing
- Operation to 10mK
- Low Insertion Loss
- Low Return Loss, -15dB typ., 2-15 GHz
- SMA bias connector
- Stackable Design

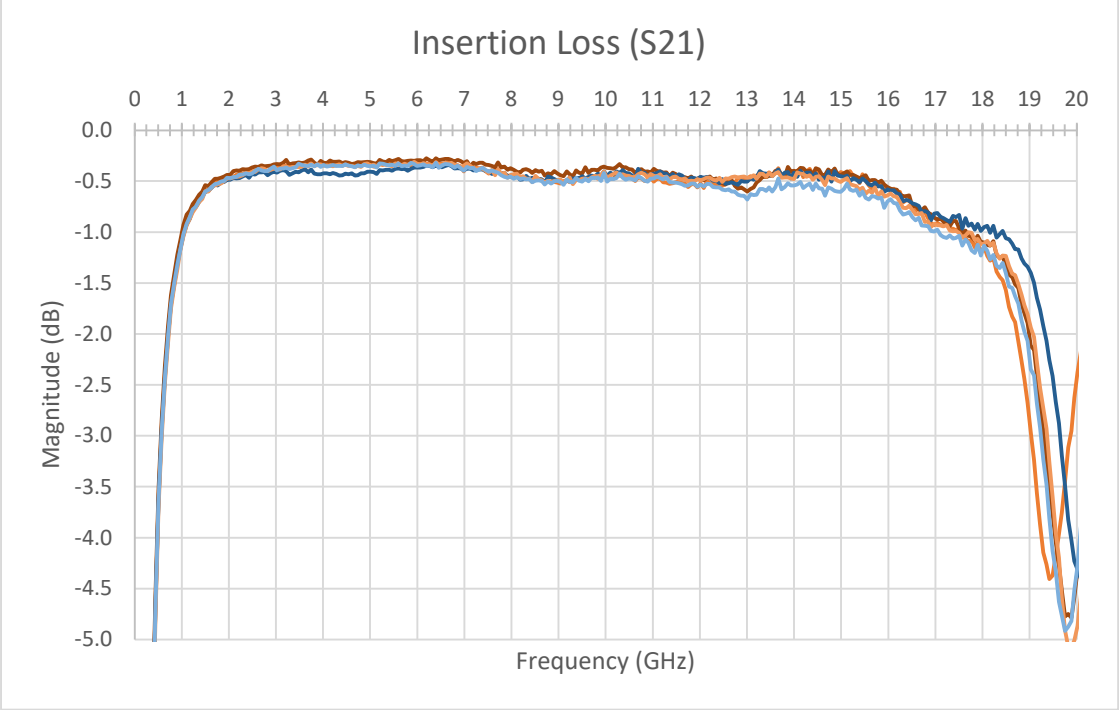


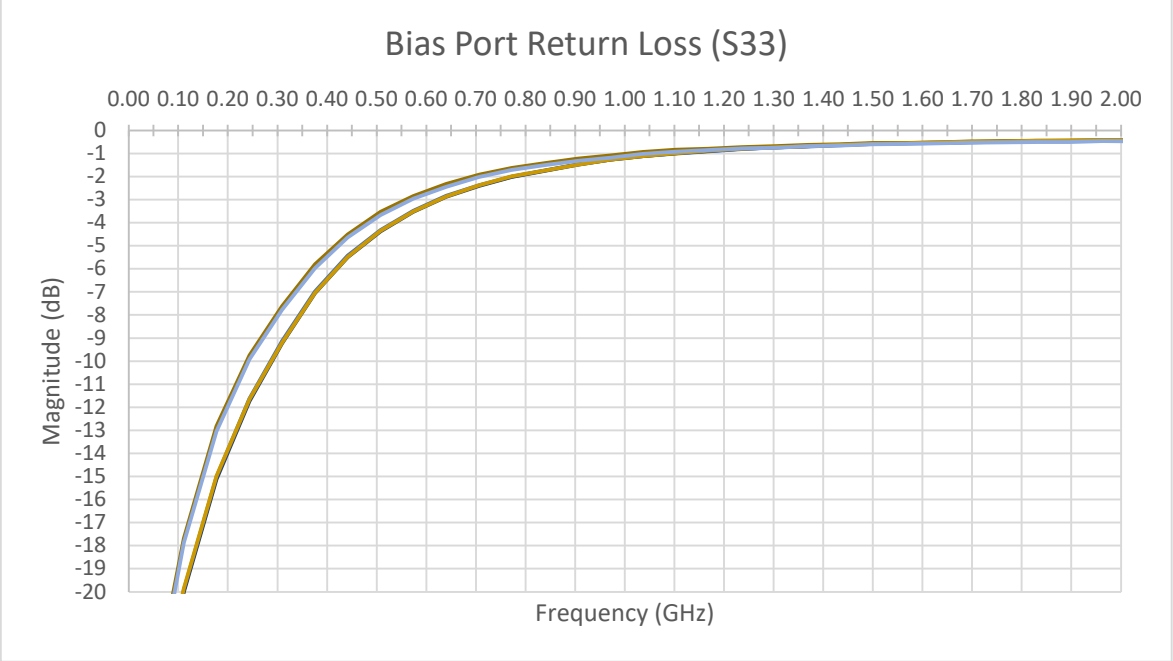
Parameter	Specification	Notes
Frequency Range	DC to 500 MHz (DC path) 2 GHz to 18 GHz (RF path)	
Insertion Loss	0.5 dB typ., 2 GHz to 15 GHz	See plot
Return Loss	-15dB typ., 2 GHz to 15 GHz	See Plot
Connectors	RF+DC SMA (m) RF SMA (f) BIAS SMA (f)	
Max Voltage	50VDC	
Max Current	225 mA	



Measured Data (typical)







Outline Drawing

