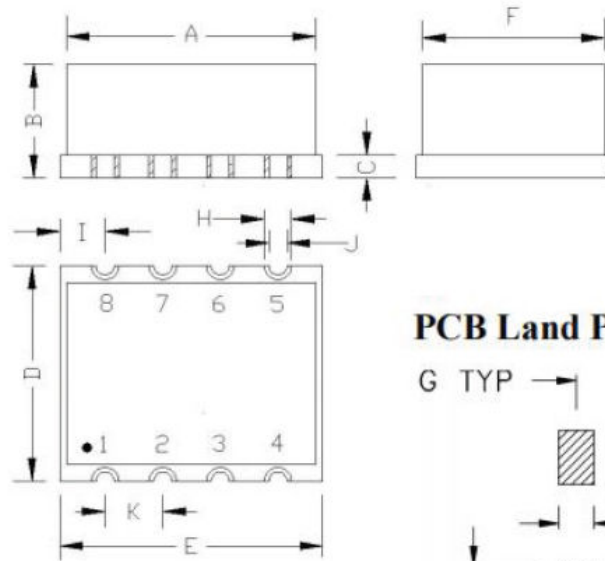


Feature:

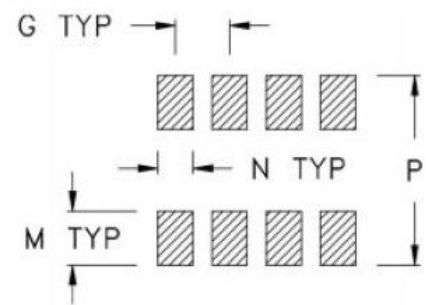
- 6-WAY Splitter
- Surface mount
- 260°C reflow compatible
- RoHS* compliant
- welding connect



Outline drawing

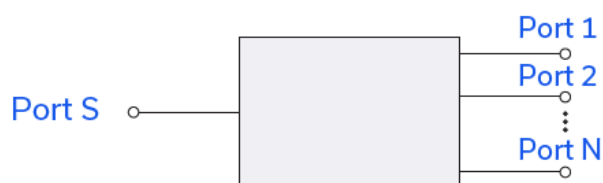


PCB Land Pattern



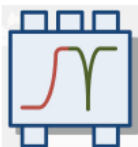
Suggested Layout,
Tolerance to be within ± 0.2

ELECTRICAL SCHEMATIC



Outline Dimensions: Unit (mm)

A	10.00	G	2.54
B	5.10	H	1.21
C	1.00	I	2.00
D	9.5	J	0.80
E	11.80	K	2.54
F	8.00	M	2.0
N	1.52	P	10.67



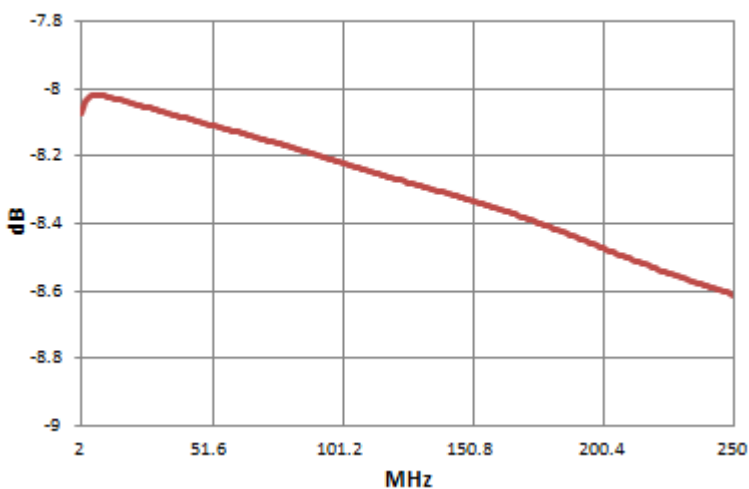
PIN CONNECTIONS

SUM PORT	1
PORT 1	8
PORT 2	7
PORT 3	6
PORT 4	5
PORT 5	4
PORT 6	3
GROUND	2

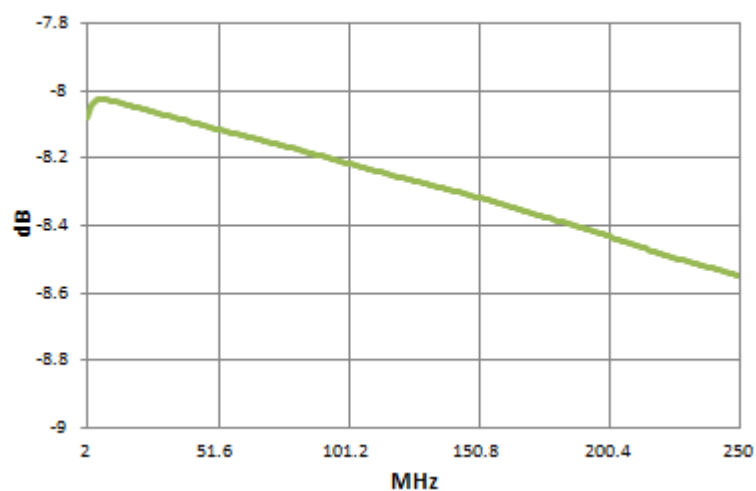
Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss (Above 7.8)	2-20MHz	dB	---	0.2	0.6
	20-125MHz	dB	---	0.2	1.0
	125-250MHz	dB	---	0.6	1.5
Isolation	2-20MHz	dB	17	35	---
	20-125MHz	dB	20	30	---
	125-250MHz	dB	20	27	---
Phase Unbalance	2-20MHz	Degree	---	---	2°
	20-125MHz	Degree	---	---	6°
	125-250MHz	Degree	---	---	9°
Amplitude Unbalance	2-20MHz	dB	---	---	0.3
	20-125MHz	dB	---	---	0.4
	125-250MHz	dB	---	---	0.6
RF Power Rating (max)		0.5W			
Internal Dissipation (max)		0.5W			
Test Impedance (50Ω, 75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-55°C to +100°C			



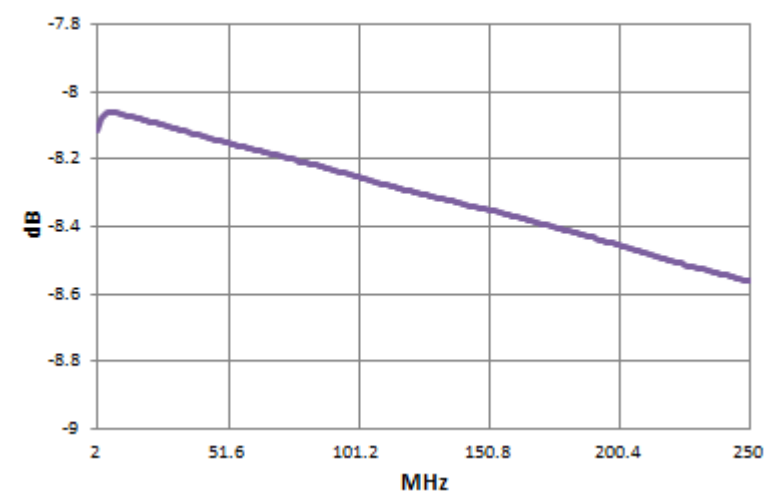
S-1



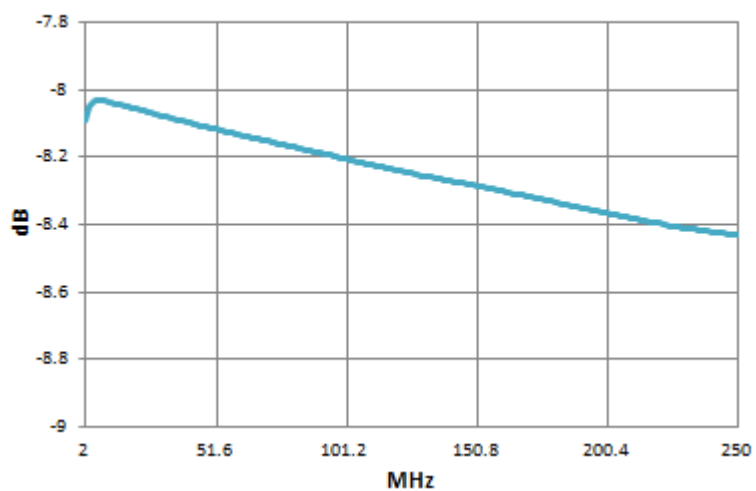
S-2



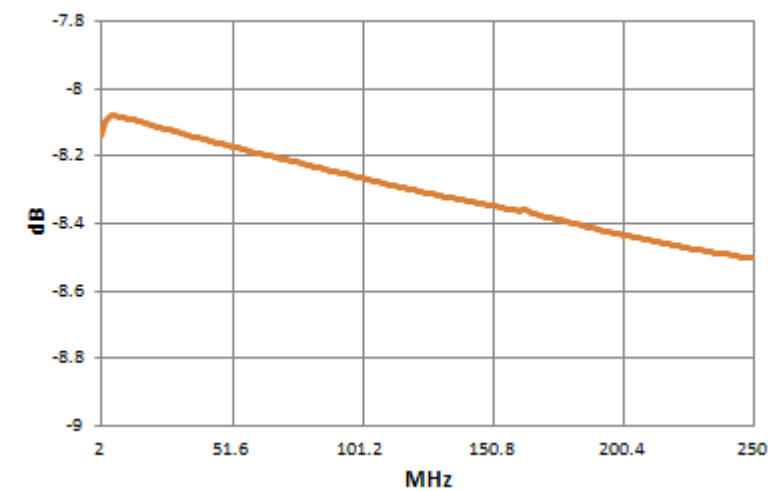
S-3



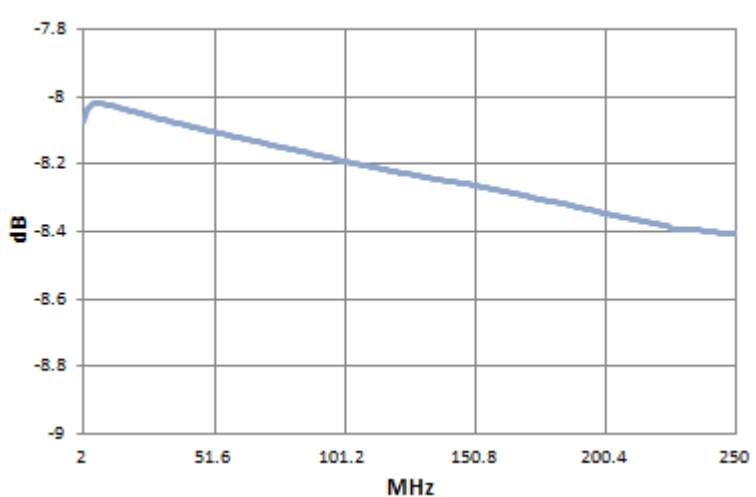
S-4



S-5

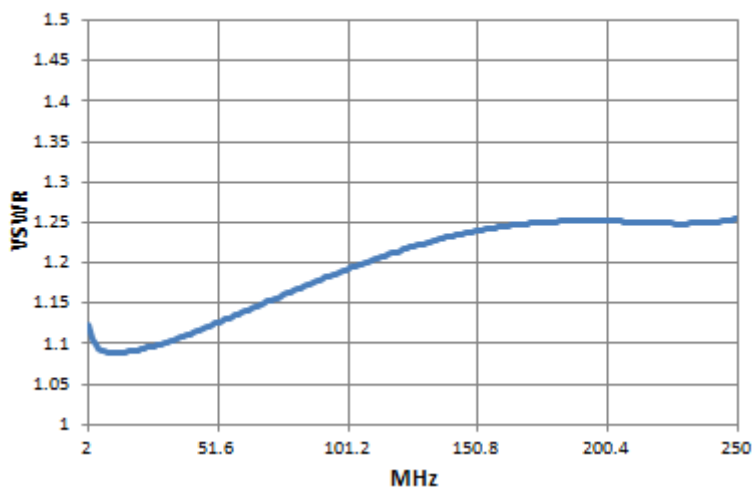


S-6

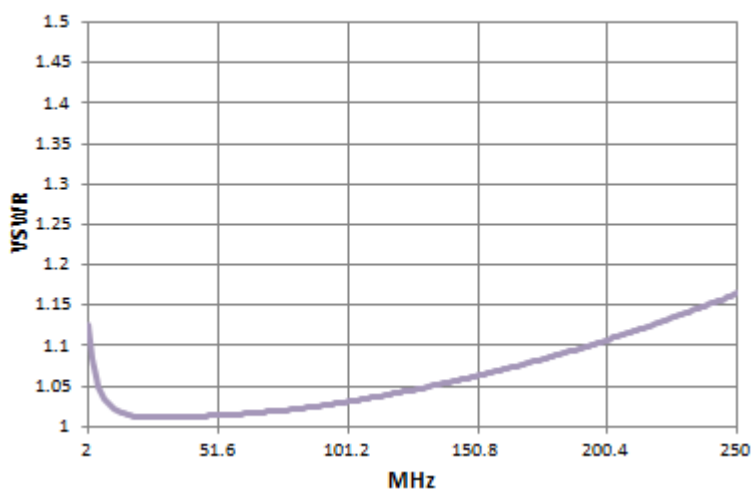




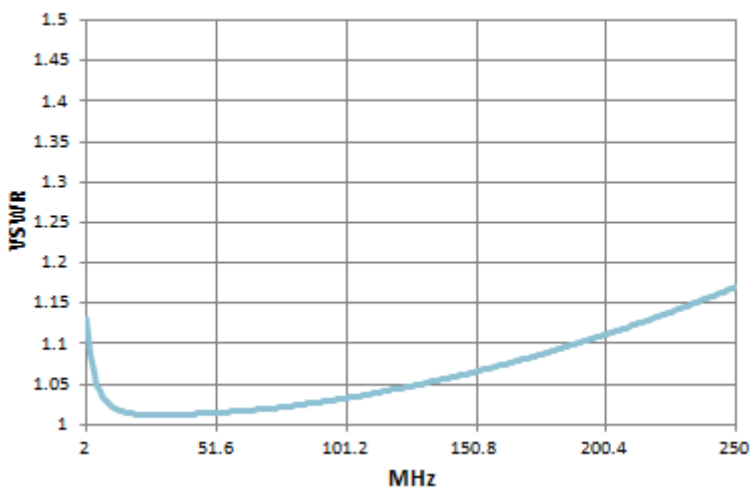
S-VSWR



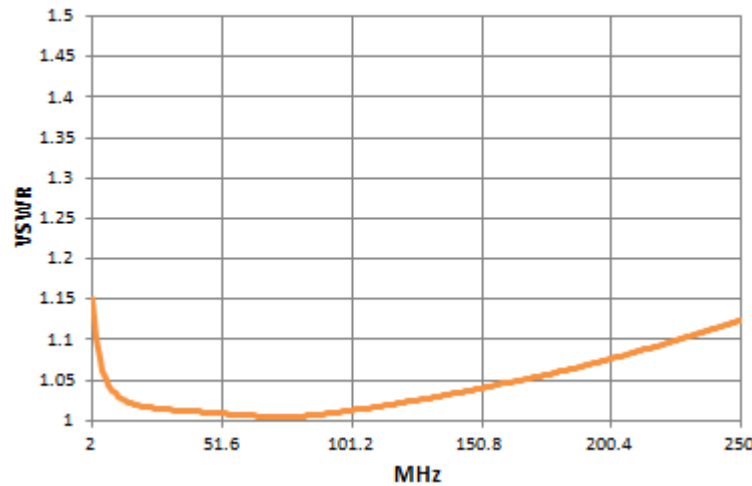
1-VSWR



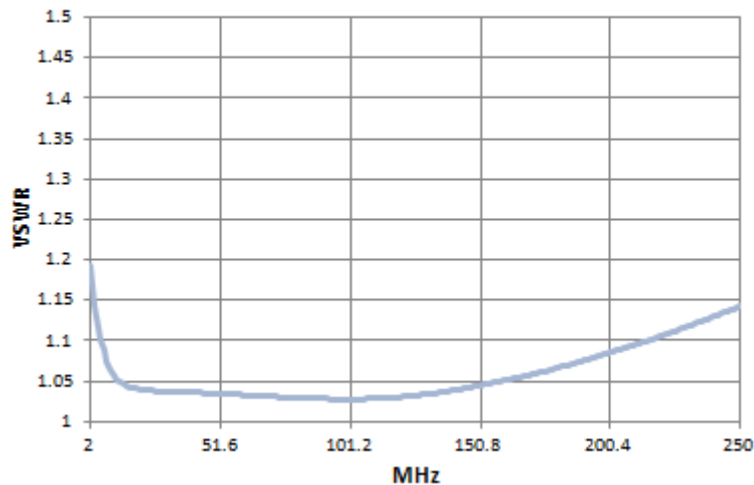
2-VSWR



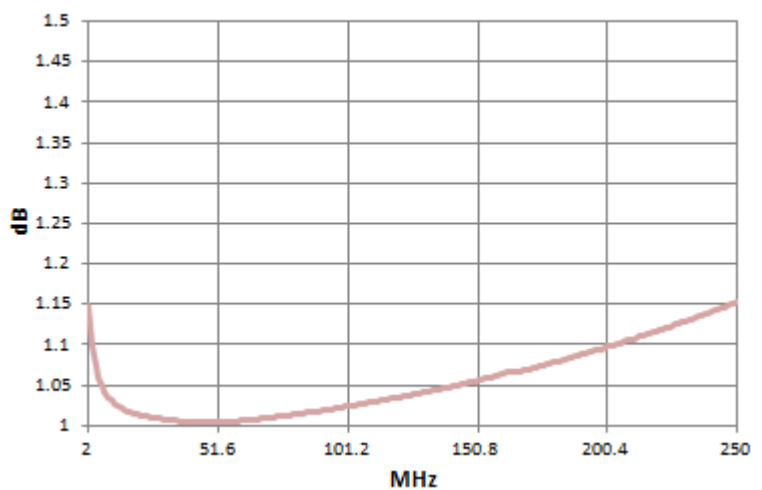
3-VSWR



4-VSWR

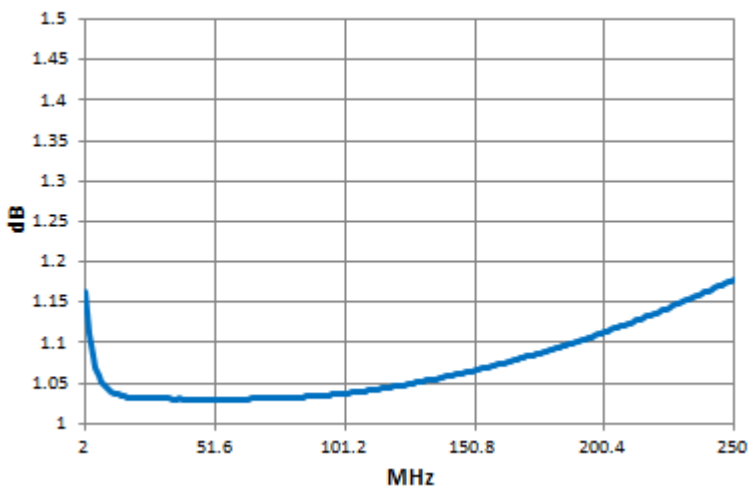


5-VSWR

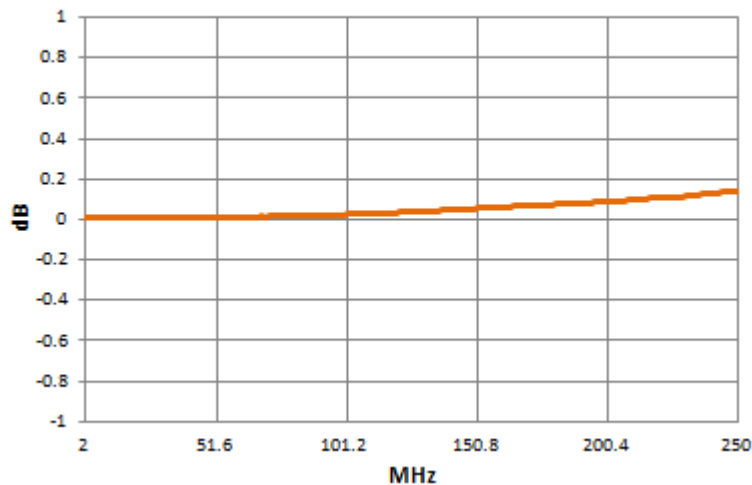




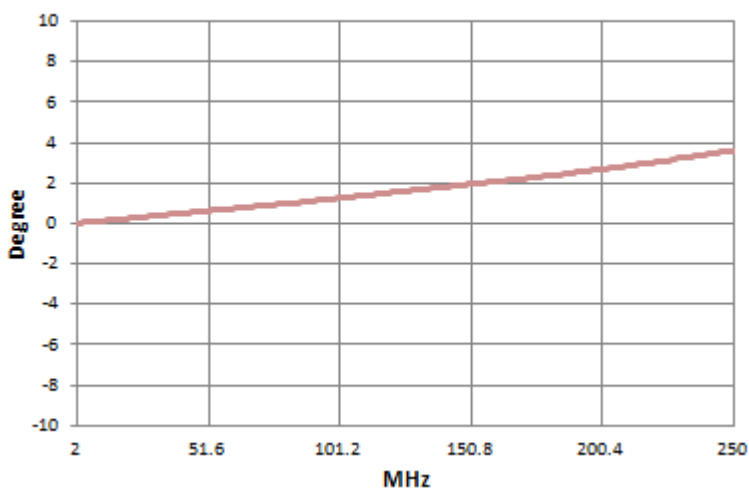
6-VSWR



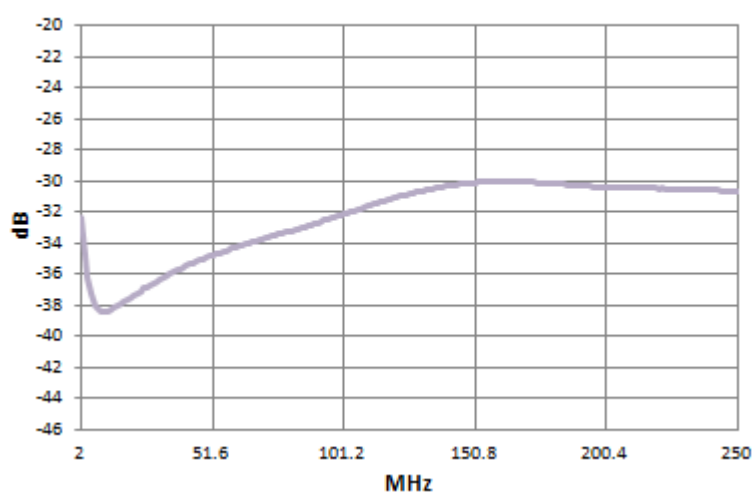
Amplitude



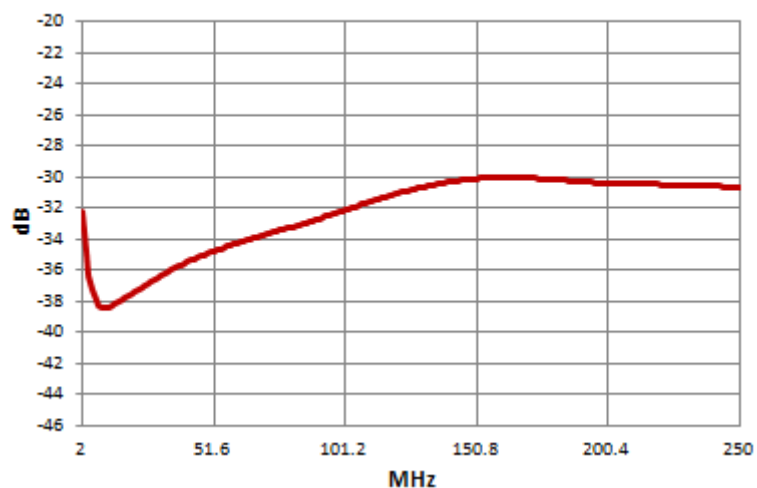
Phase



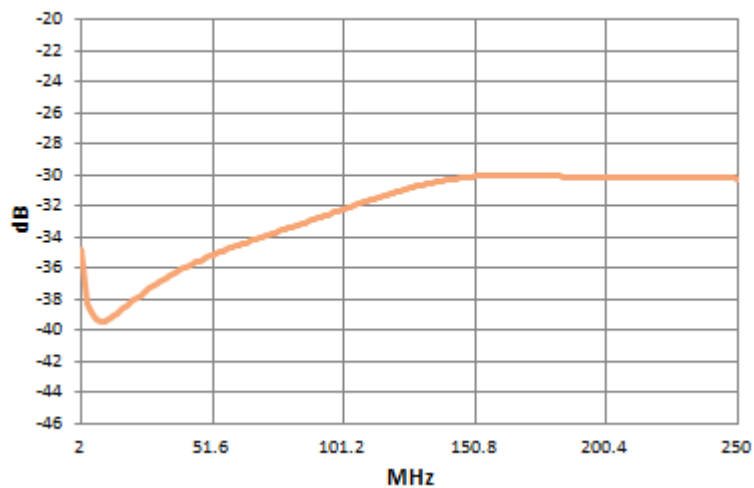
Isolation 1-4

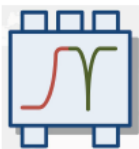


Isolation 1-5

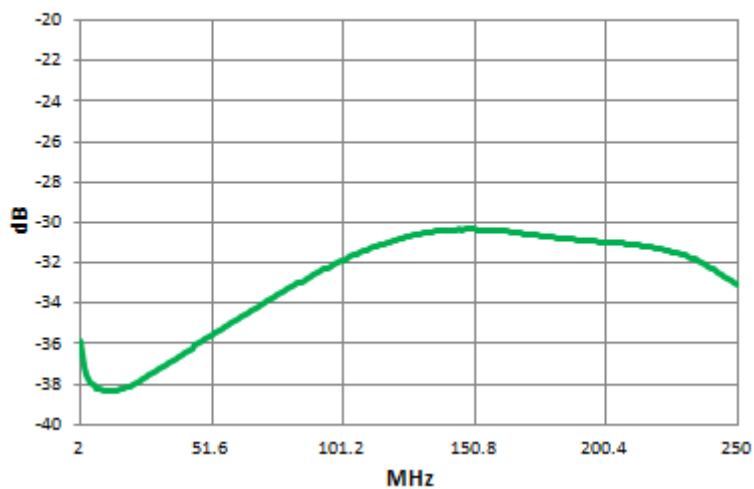


Isolation 2-6

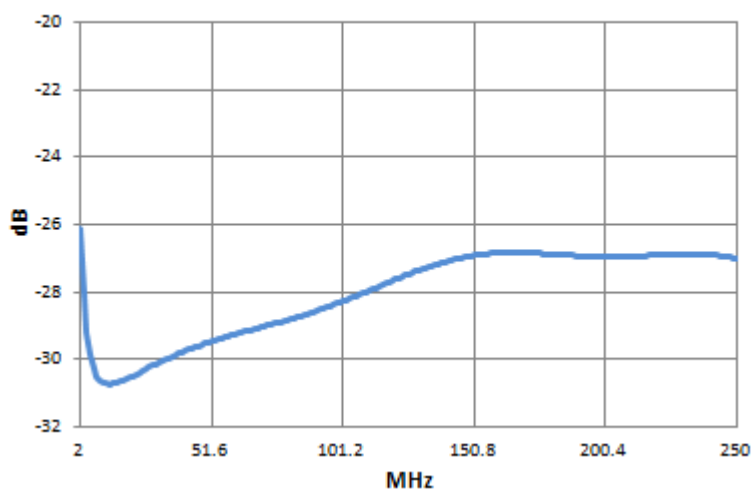




Isolation 3-2



Isolation 3-6



Isolation 4-5

