

2Way 0° Divide transformer Frequency: 5-1250MHZ.

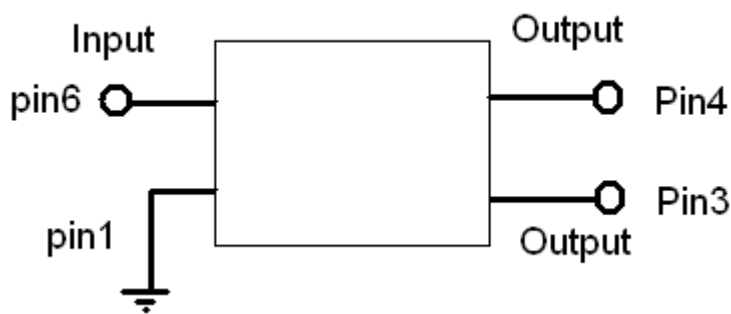
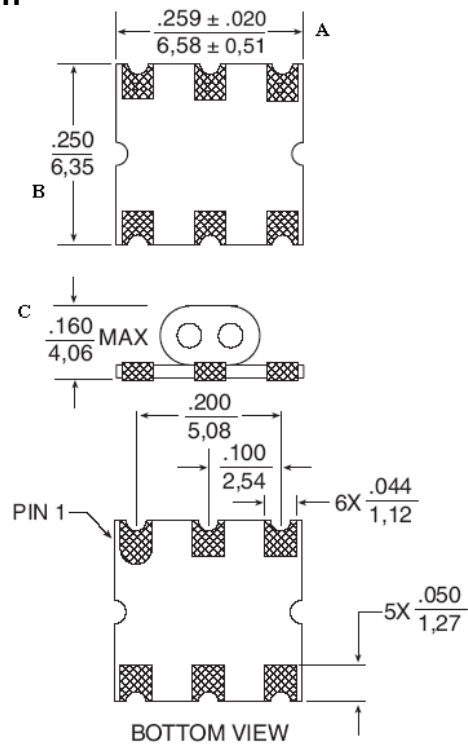
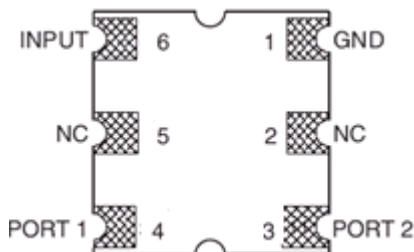
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 1000pcs per ree.
- .used in 75ohm systems.
- .weld connect.
- .260 degree compatible.

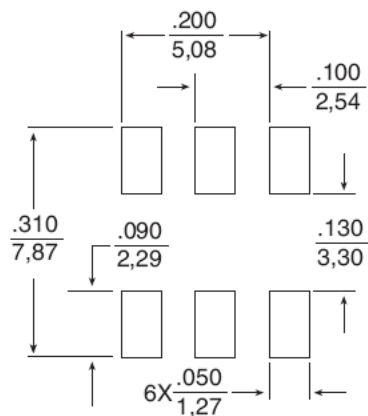
ROHS COMPLIANT



Base dimension



SCHEMATIC



SUGGESTED PAD LAYOUT

Description:

.LH Corporation S013204 is a 2way 0°splitter RF transformer.

Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

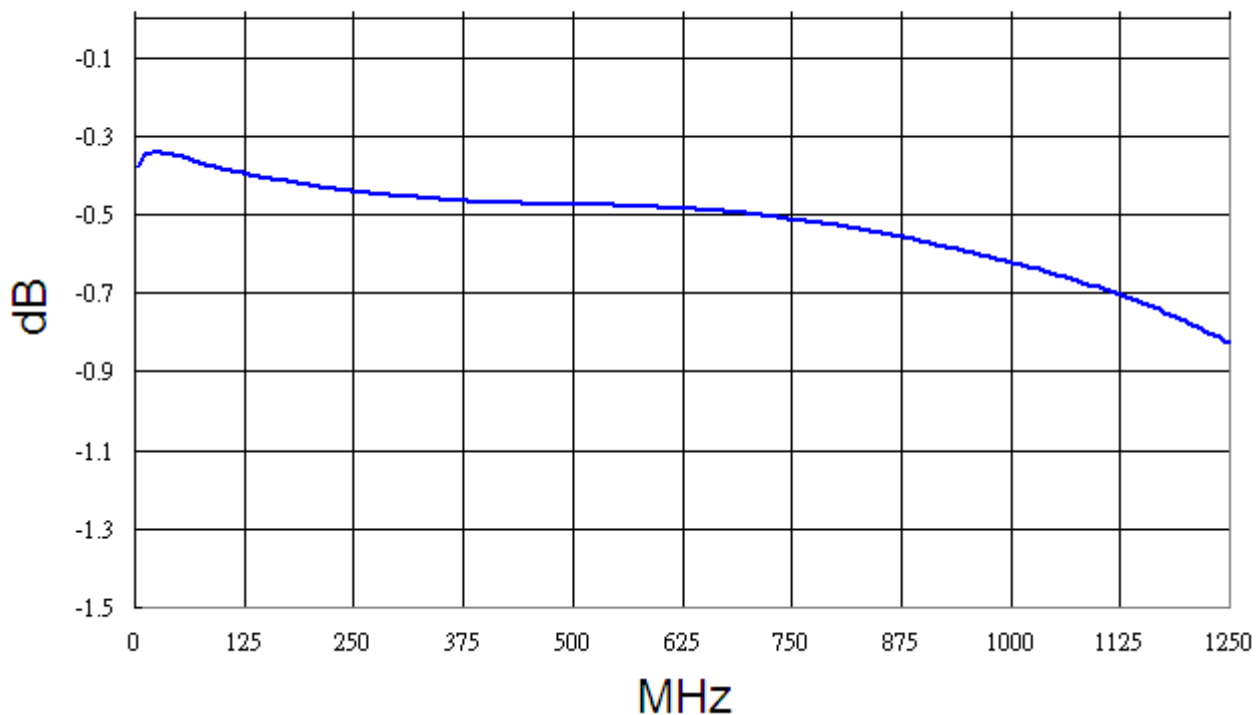
PIN	FUNCTION
6	Input
2 , 5	NOT USED
4	Output1
3	Output2
1	GND

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm

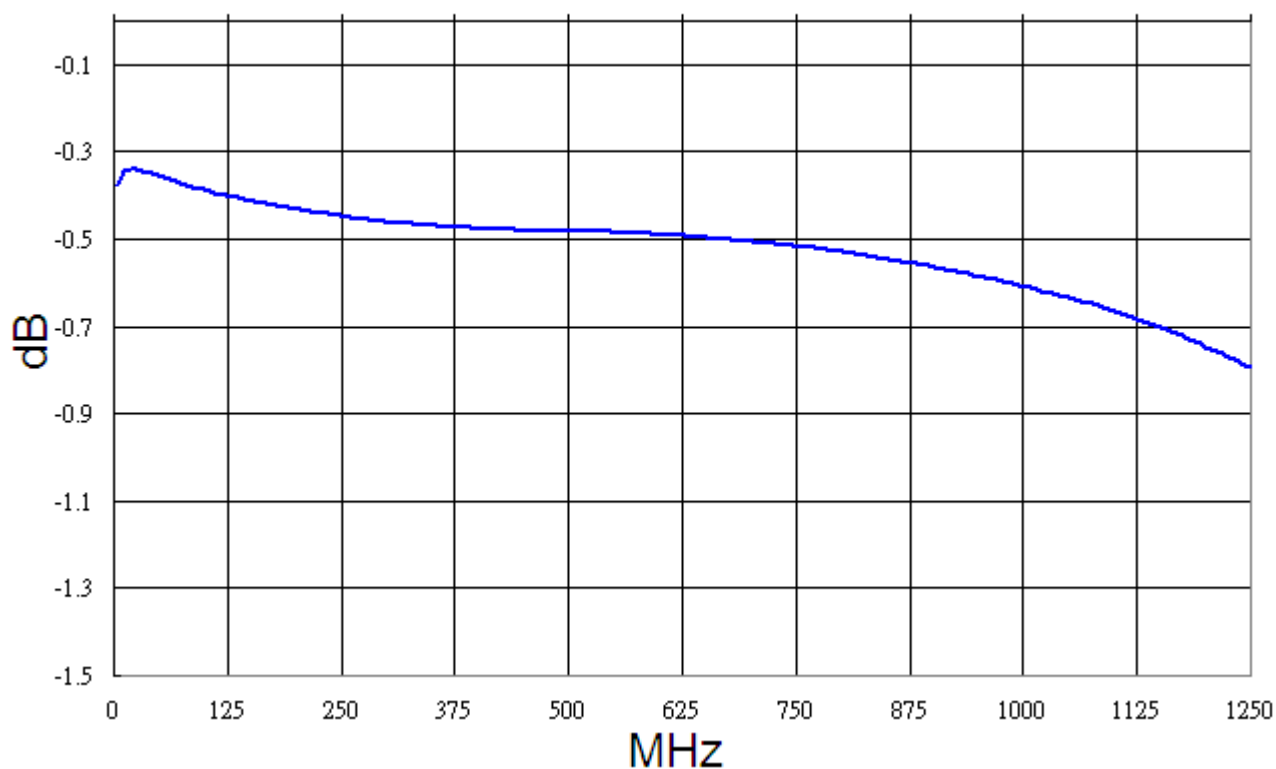
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss	5-50MHz	dB	---	---	0.5
	50-500MHz	dB	---	---	0.8
	500-1000MHz	dB	---	---	1.3
	1000-1250MHz	dB	---	---	1.5
Phase Unbalance	5-50MHz	degree	----	---	+/-1°
	50-500MHz	degree	----	---	+/-3°
	500-1000MHz	degree	----	---	+/-4°
	1000-1250MHz	degree	----	---	+/-5°
Amplitude Unbalance	5-50MHz	dB	---	---	+/-0.1
	50-500MHz	dB	---	---	+/-0.15
	500-1000MHz	dB	---	---	+/-0.25
	1000-1250MHz	dB	---	---	+/-0.35
Input return loss	5-750MHz	dB	20	---	---
	750-1000MHz	dB	20	---	---
	1000-1250MHz	dB	18	---	---
Output return loss	5-750MHz	dB	20	---	---
	750-1000MHz	dB	20	---	---
	1000-1250MHz	dB	18	---	---
Isolation	5-50MHz	dB	22	---	---
	50-500MHz	dB	22	---	---
	500-1000MHz	dB	20	---	---
	1000-1250MHz	dB	18	---	---
RF Power Rating (max)		1w			
Internal Load Dissipation		0.125W			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Storage Temperature		-55°C to 100°C			
Operating Temperature		-55°C to 100°C			

Actual test parameter.

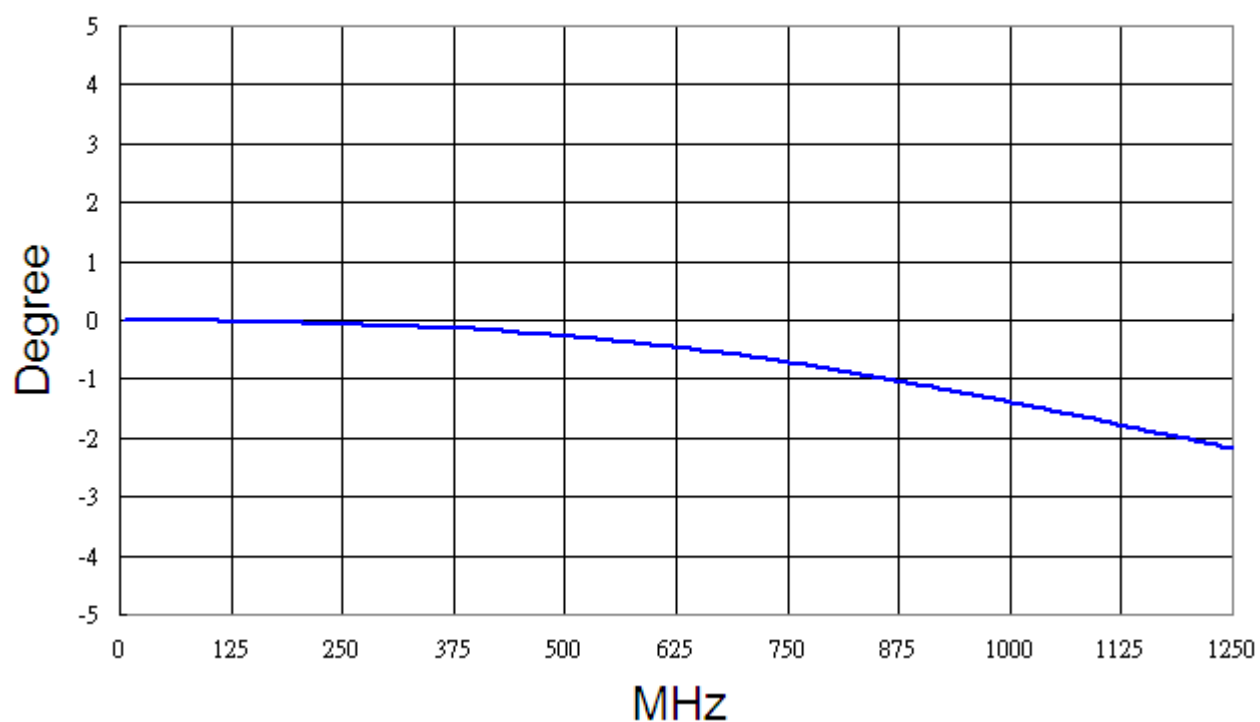
Insertion Loss 6-4



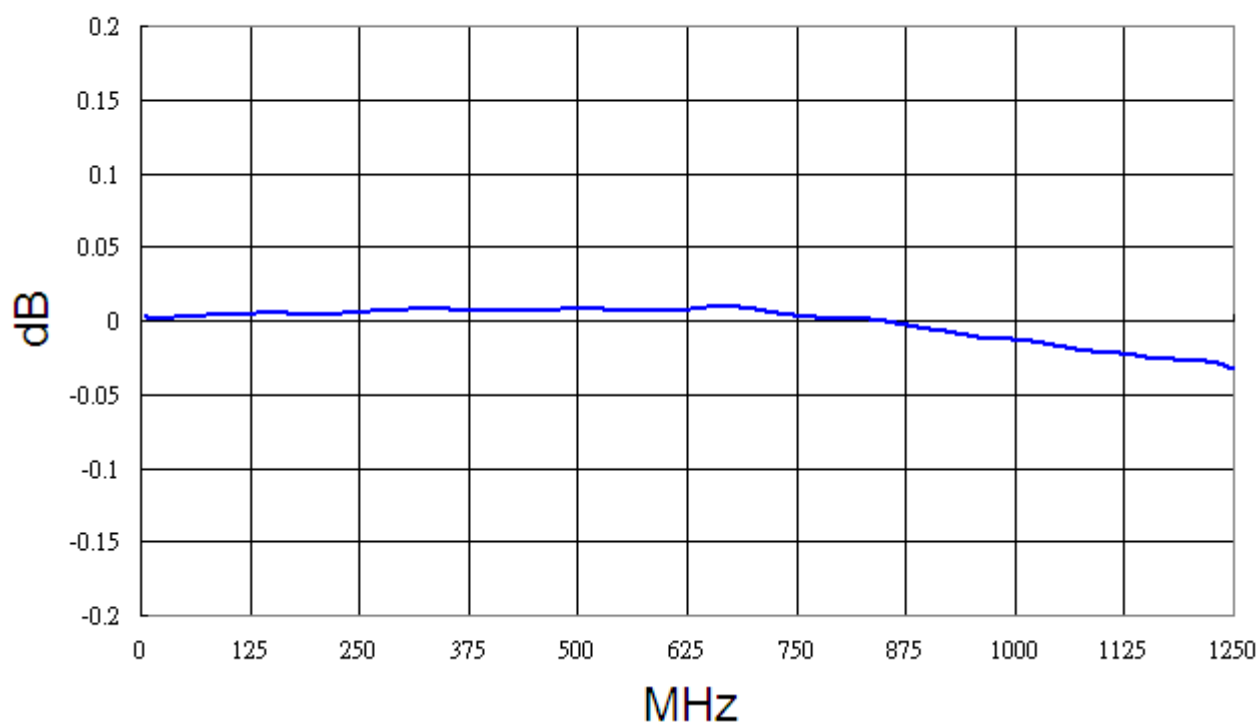
Insertion Loss 6-3



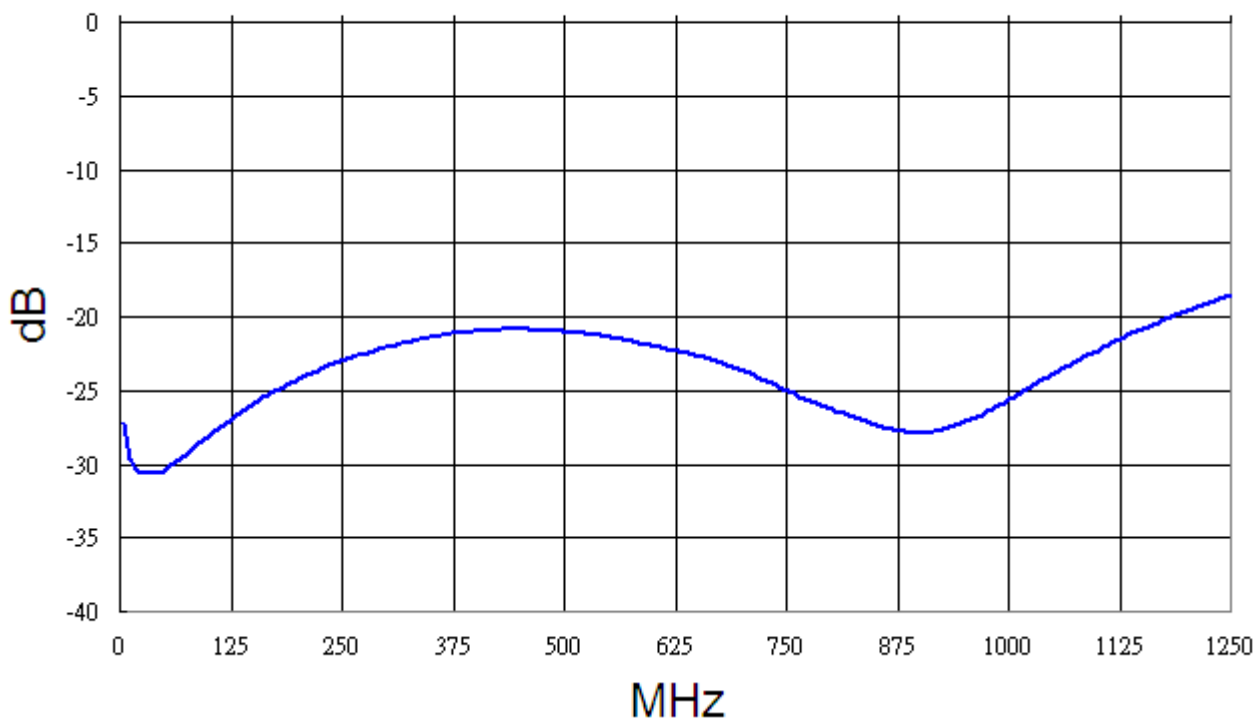
Phase



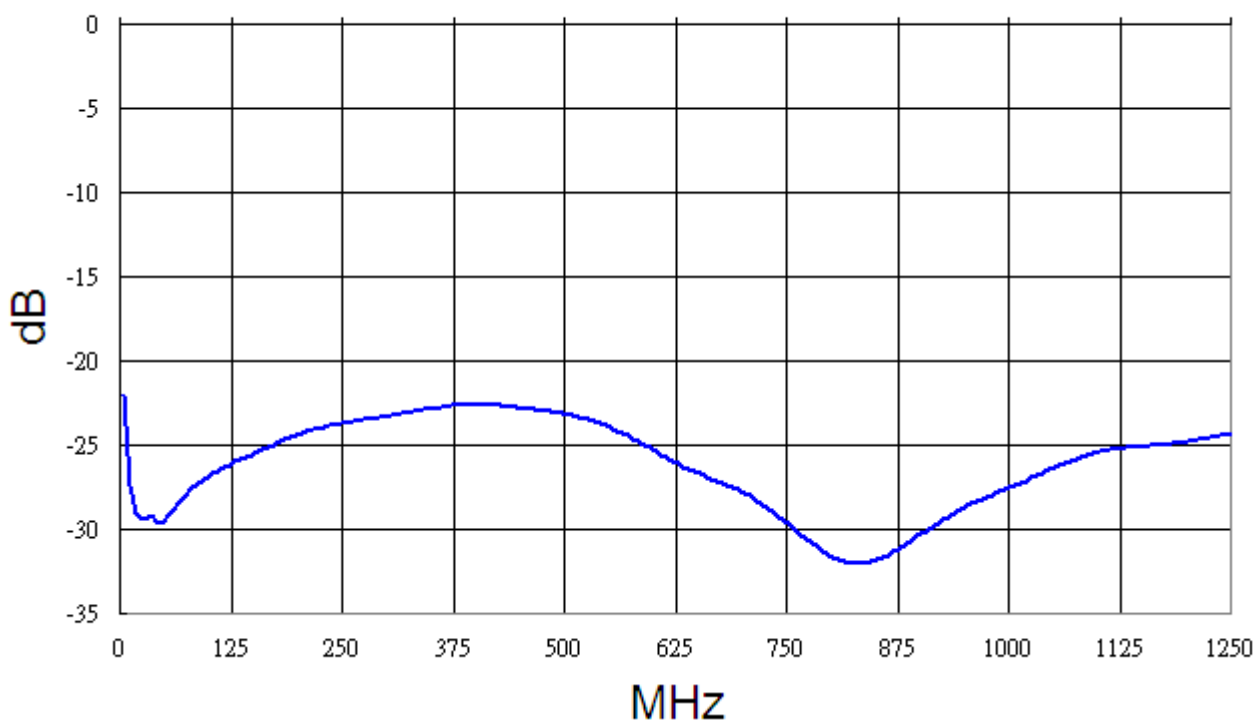
Amplitude



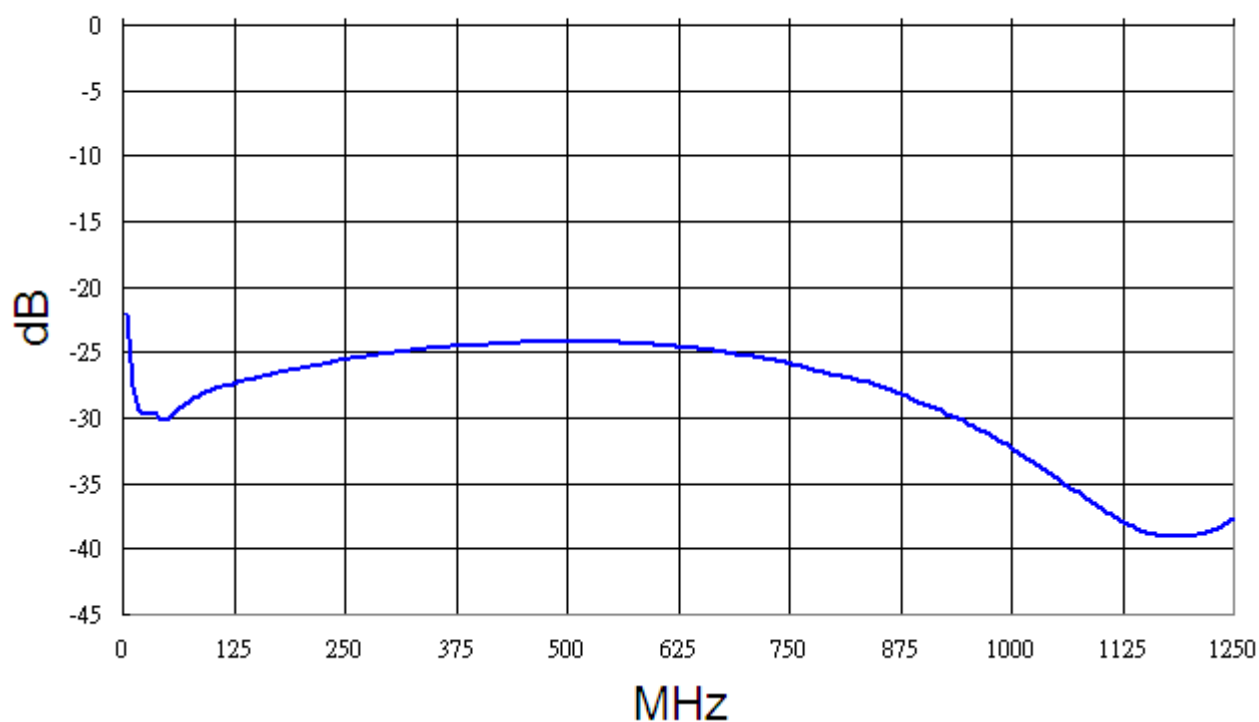
Input Return Loss



Output Return Loss Pin4



Output Return Loss Pin3



Isolation

