

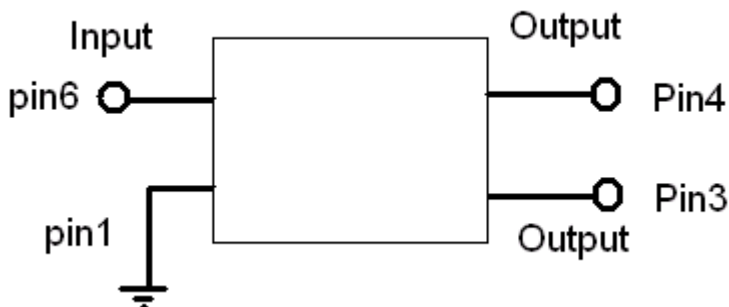
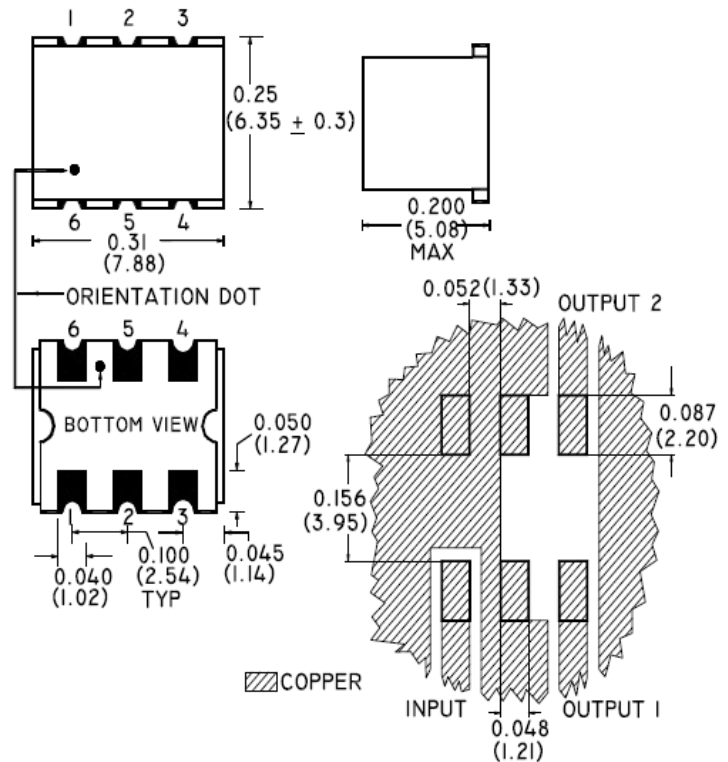
### 2Way 0° Divide transformer Frequency: 5-1250MHZ.

#### Base dimension

#### Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 1300pcs per ree.
- .used in 75ohm systems.
- .weld connect.
- .260 degree compatible.

**ROHS COMPLIANT**



#### SCHEMATIC



# LH Corporation

## 立华电子

S013204 5-1250MHZ 2Way 0° Divide

### Description:

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

**Low cost SMT transmission transformer designed high volume applications.**

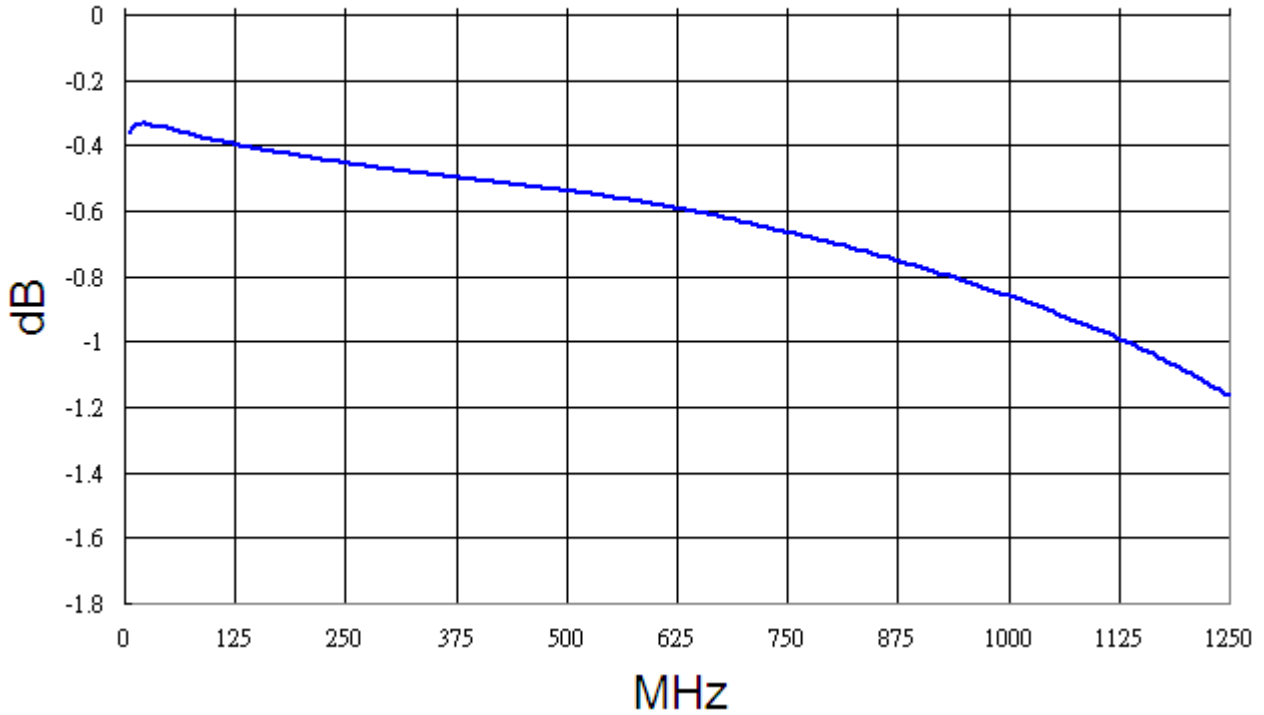
### PIN CONFIGURATION

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

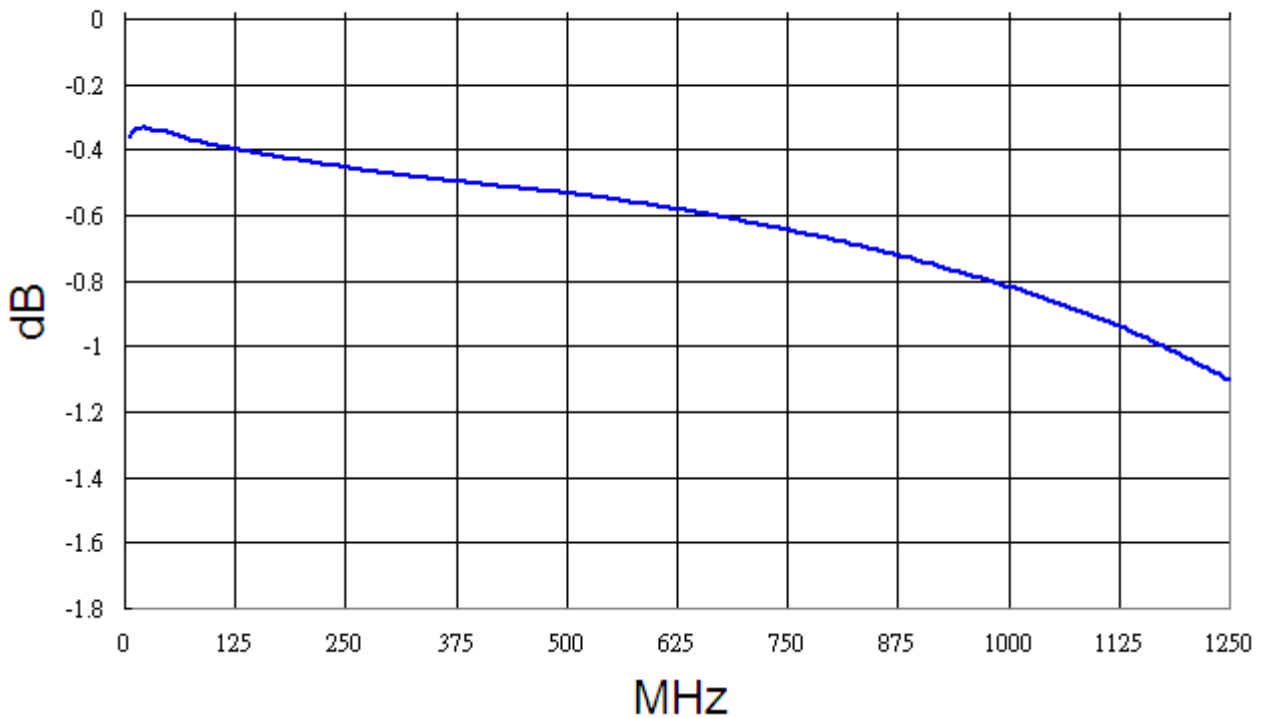
Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm

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	---	---
<b>RF Power Rating (max)</b>		1w			
<b>Internal Load Dissipation</b>		0.125W			
<b>Test Impedance (50Ω,75Ω, etc.)</b>		75OHM			
<b>Storage Temperature</b>		<b>-55°C to 100°C</b>			
<b>Operating Temperature</b>		<b>-55°C to 100°C</b>			

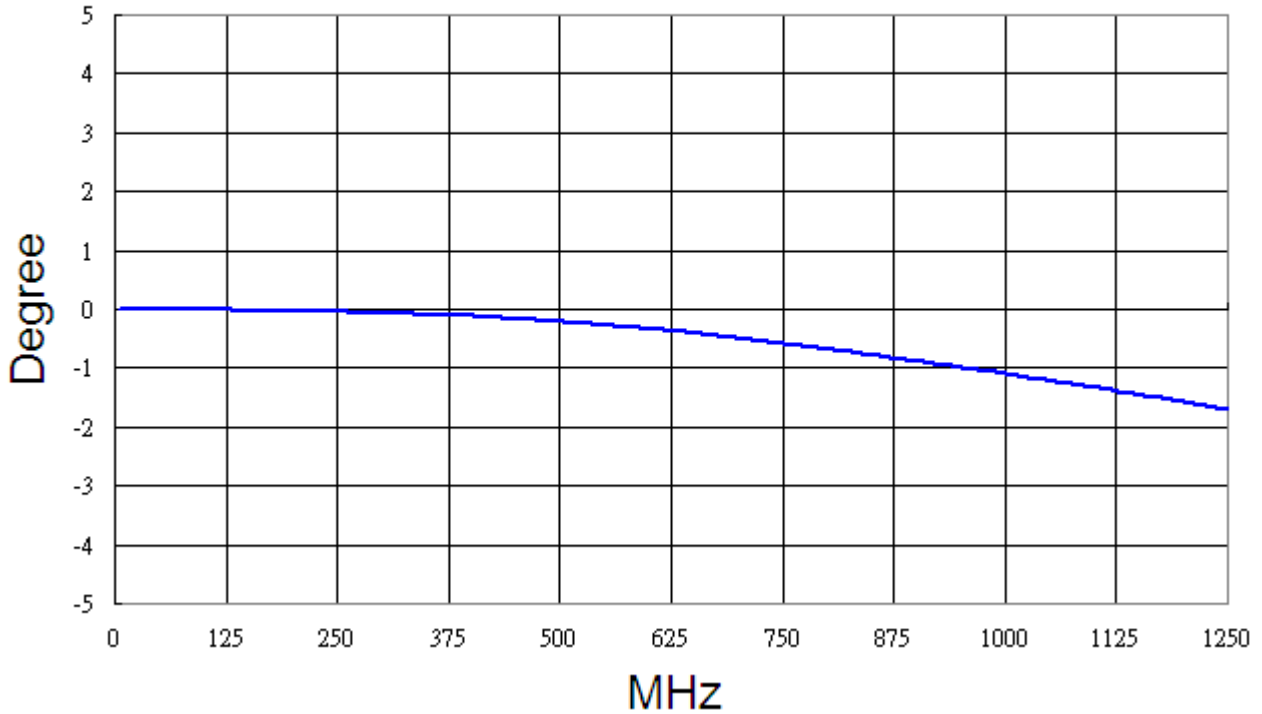
### Insertion Loss 6-4



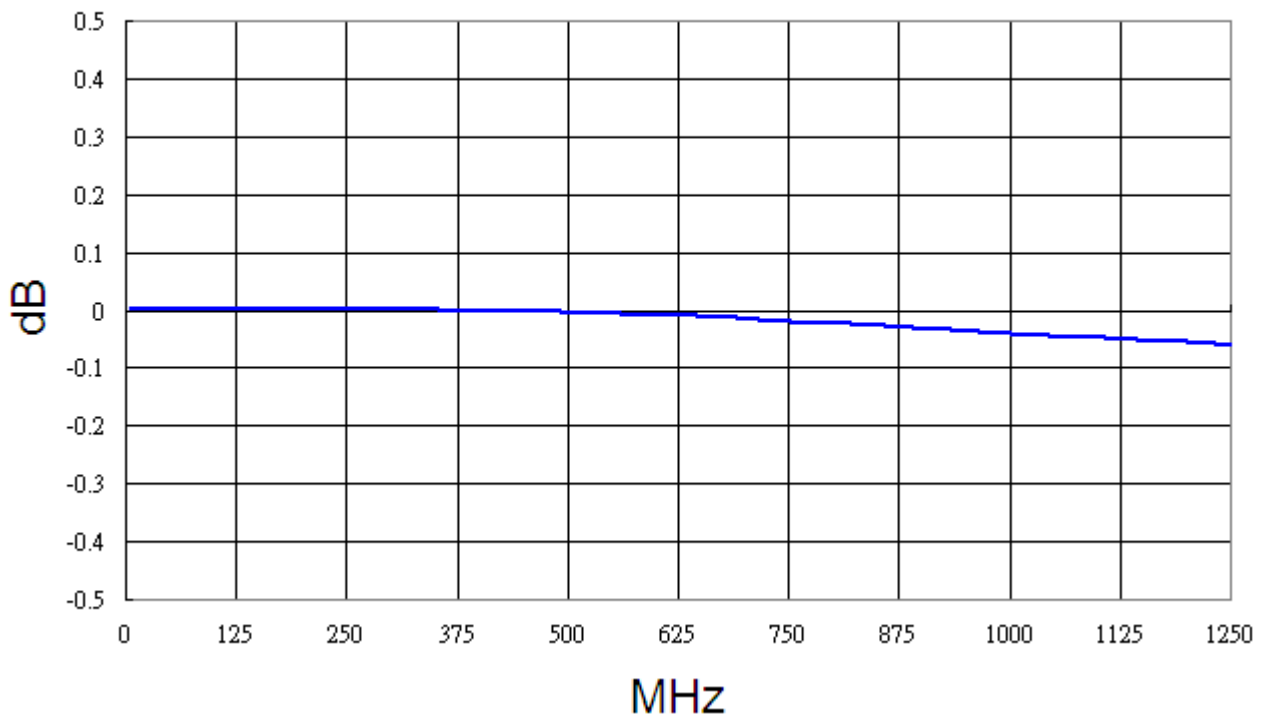
### Insertion Loss 6-3



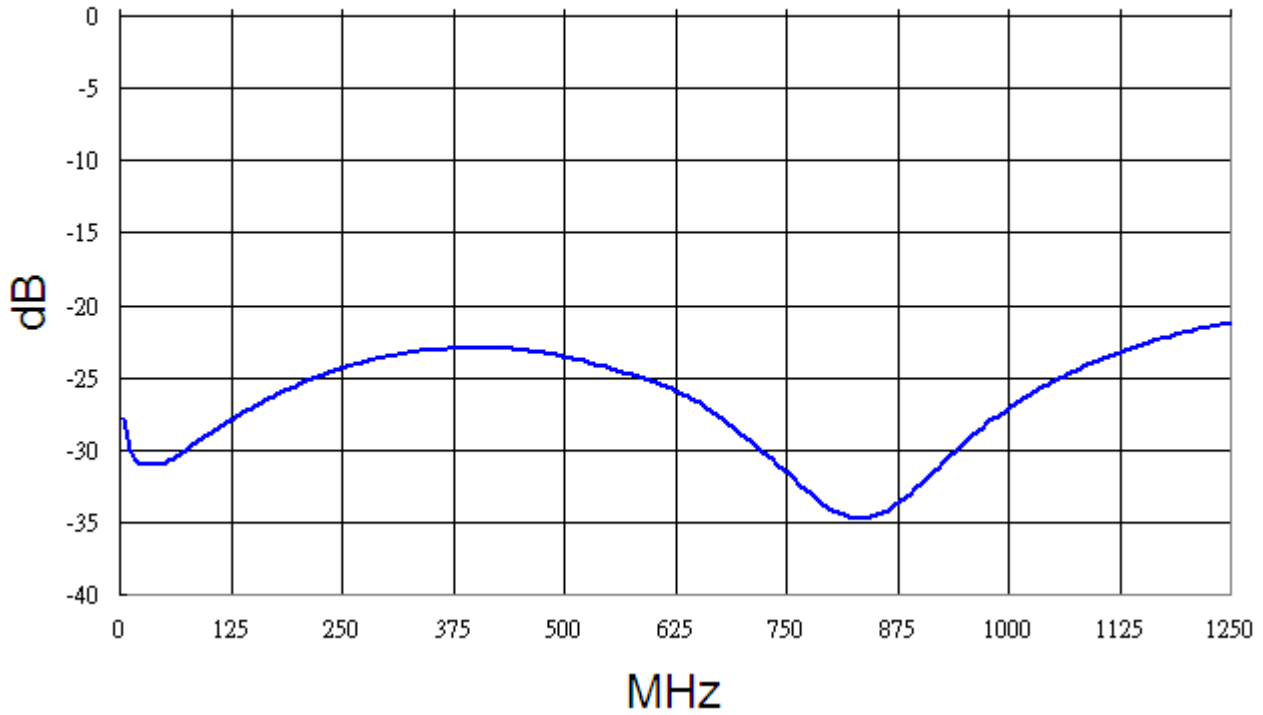
### Phase



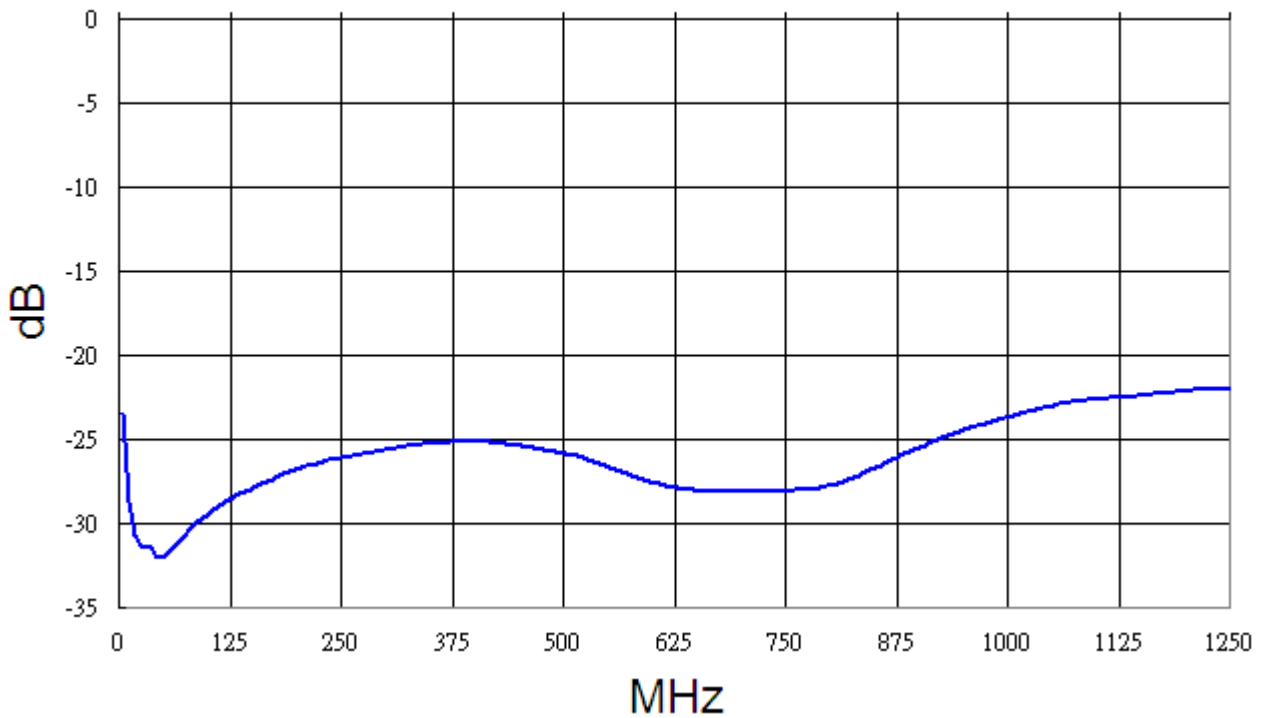
### Amplitude



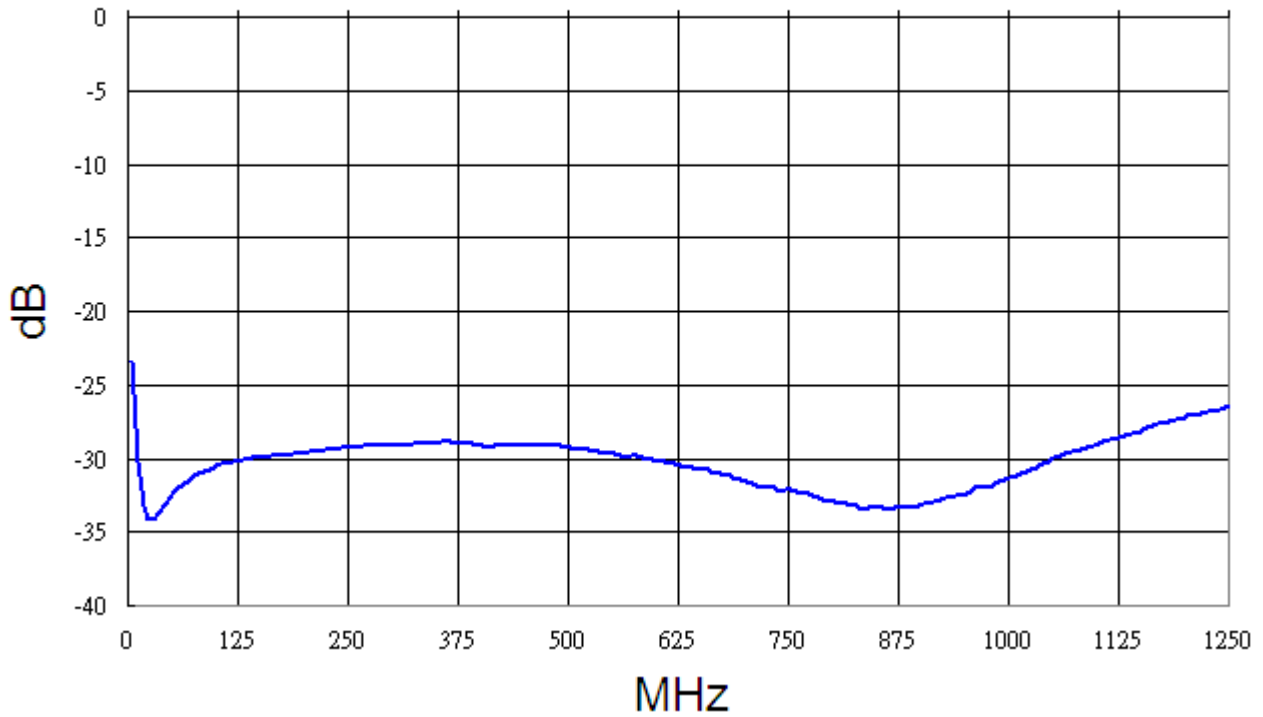
### Input Return Loss



### Output Return Loss Pin4



### Output Return Loss Pin3



### Isolation

