



Rev_B



LH Corporation

立华电子

SL016049 50-750MHZ 3Way 0° power splitter

Rev_B

Description:

.SL016049 is a 3way 0° power splitter RF transformer.

Low cost SMT transmission transformer designed high volume applications.

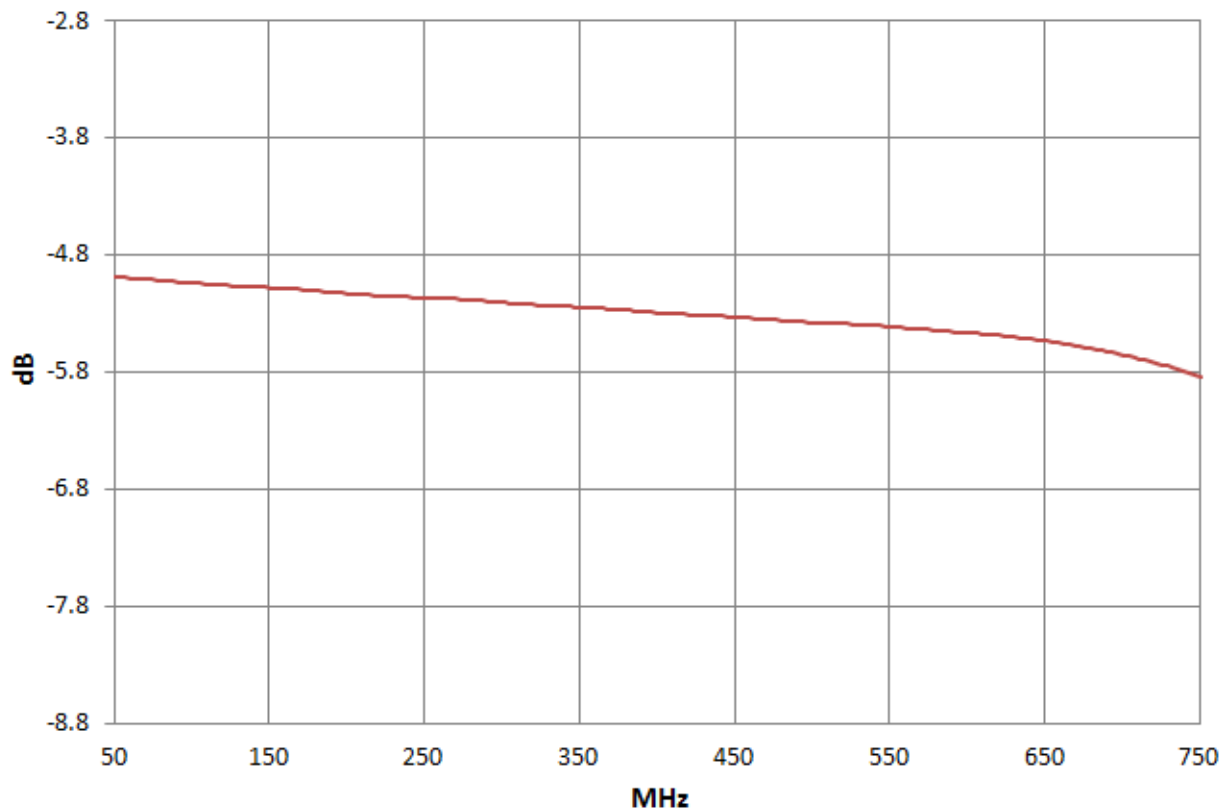
PIN CONFIGURATION

SUM PORT	1
PORT 1	6
PORT 2	4
PORT 3	3
GROUND	2,5

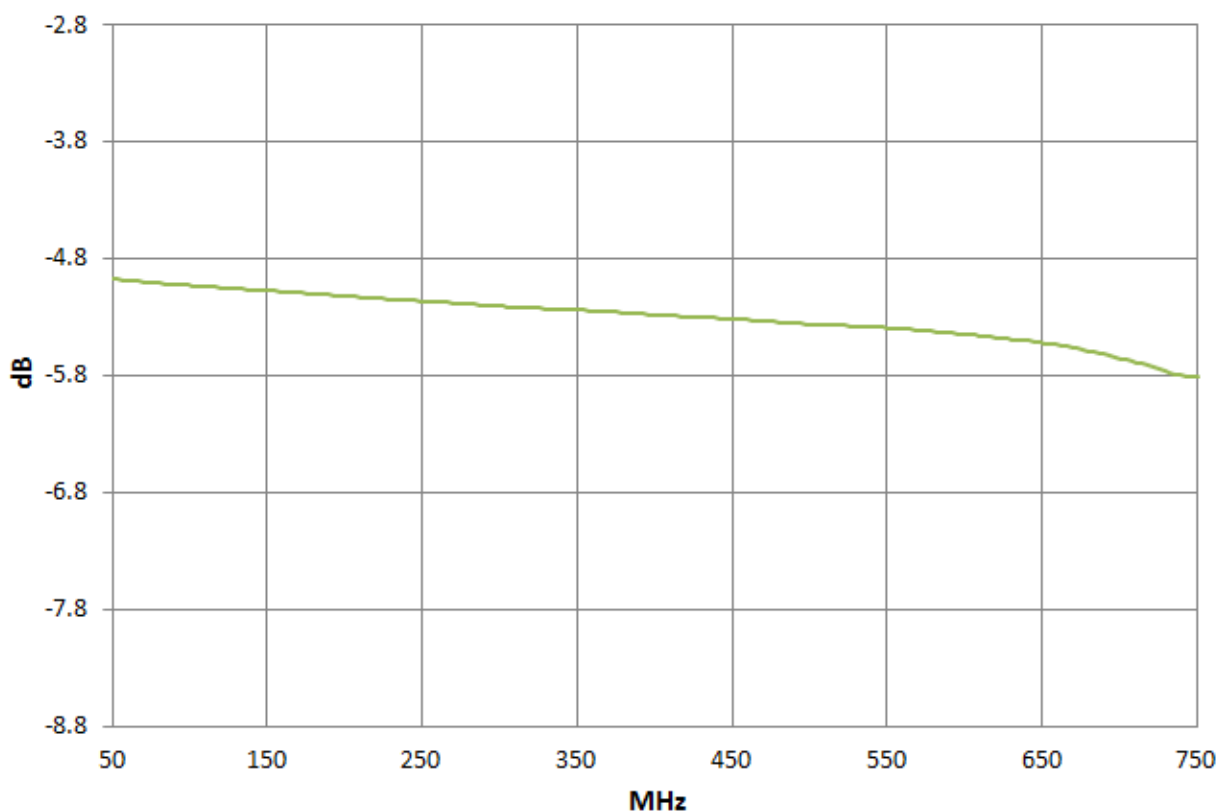
Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss	50-350MHz	dB	---	0.4	1.0
	350-750MHz	dB	---	0.9	1.0
Phase Unbalance	50-350MHz	degree	----	+/-0.2°	+/-6°
	350-750MHz	degree	----	+/-0.5°	+/-7°
Amplitude Unbalance	50-350MHz	dB	---	---	+/-0.3
	350-750MHz	dB	---	---	+/-0.6
Input return loss	50-350MHz	dB	18	20	---
	350-750MHz	dB	13	25	---
Output return loss	50-350MHz	dB	18	20	---
	350-750MHz	dB	15	25	---
Isolation	50-350MHz	dB	20	25	---
	350-750MHz	dB	20	26	---
RF Power Rating (max)			500mw		
DC Current Rating (max)			250mA		
Test Impedance (50Ω,75Ω, etc.)			50OHM		

Test fixture loss -4.8dB

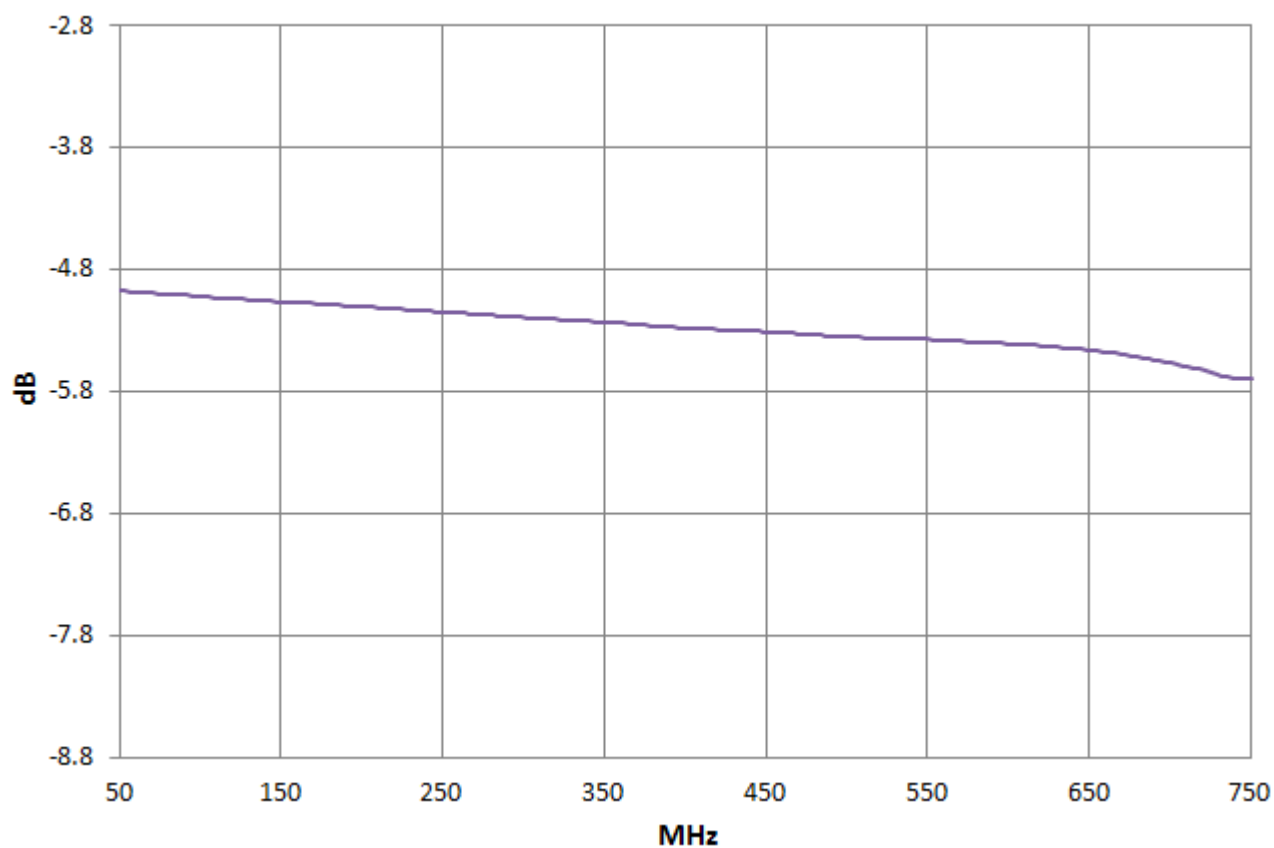
Insertion Loss 1-3



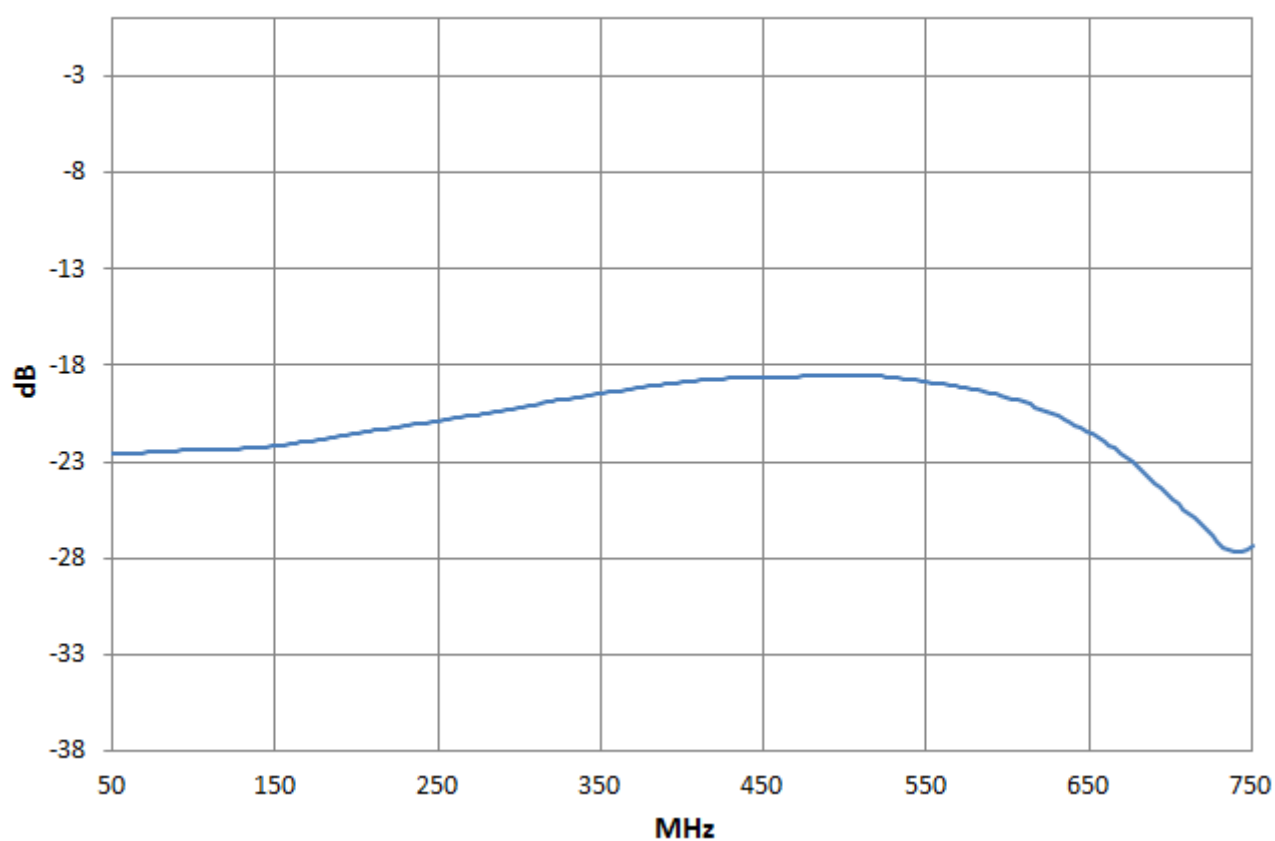
Insertion Loss 1-4



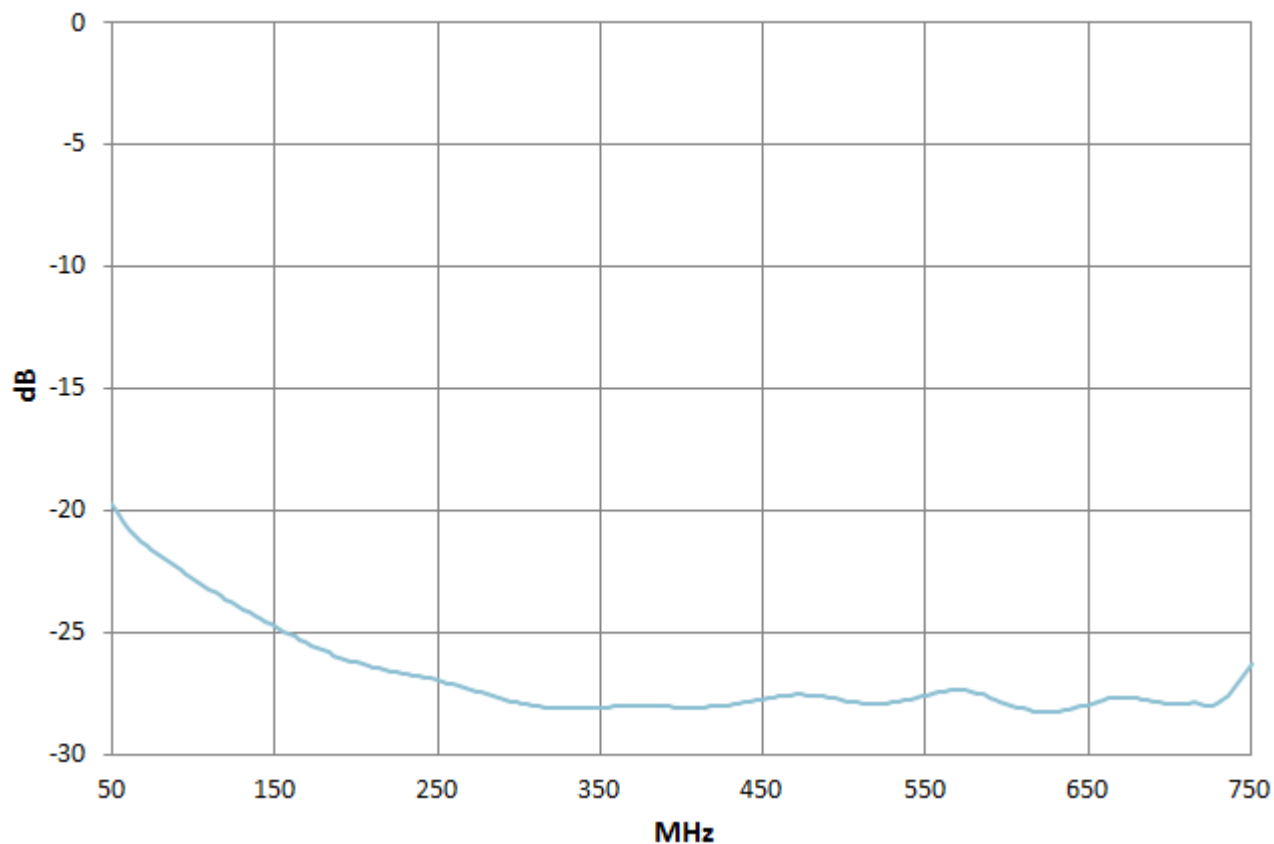
Insertion Loss 1-6



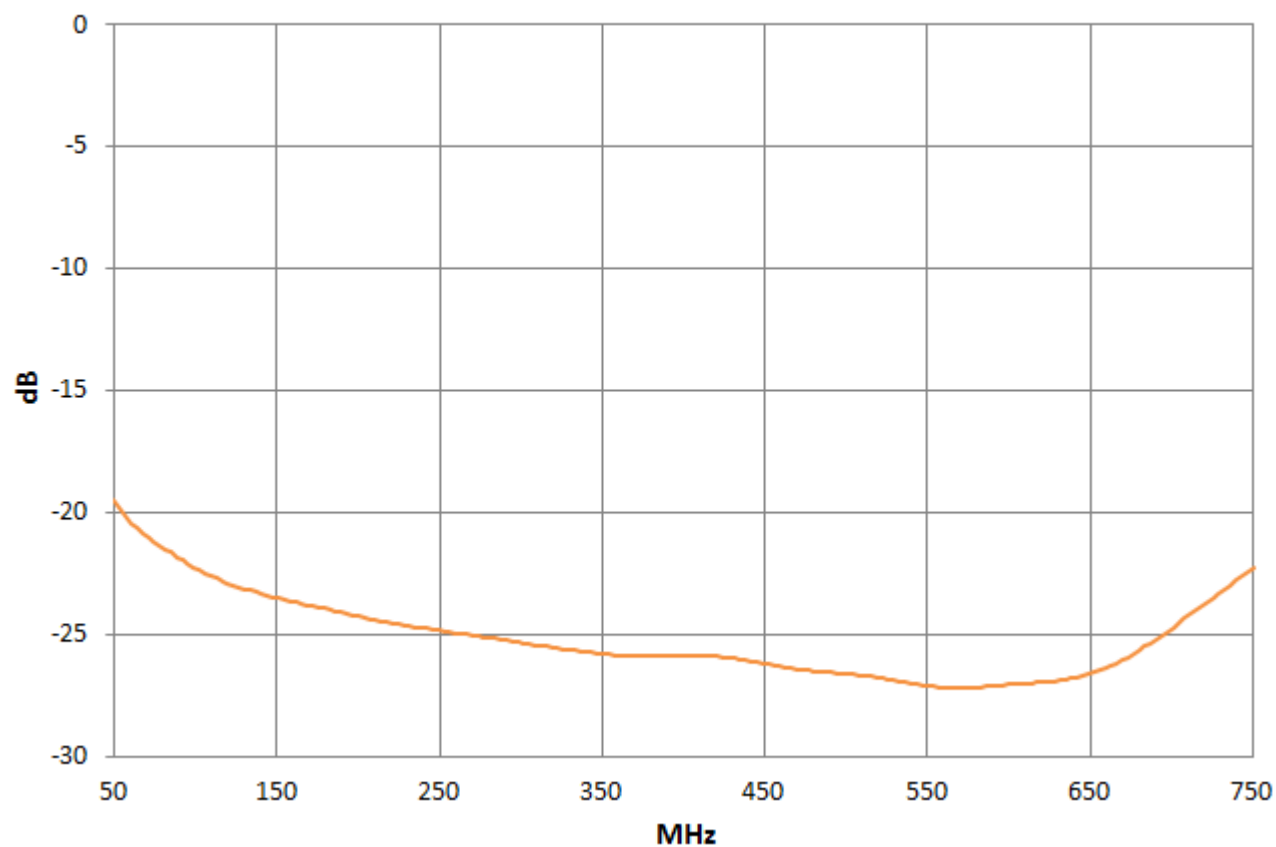
Input Return Loss



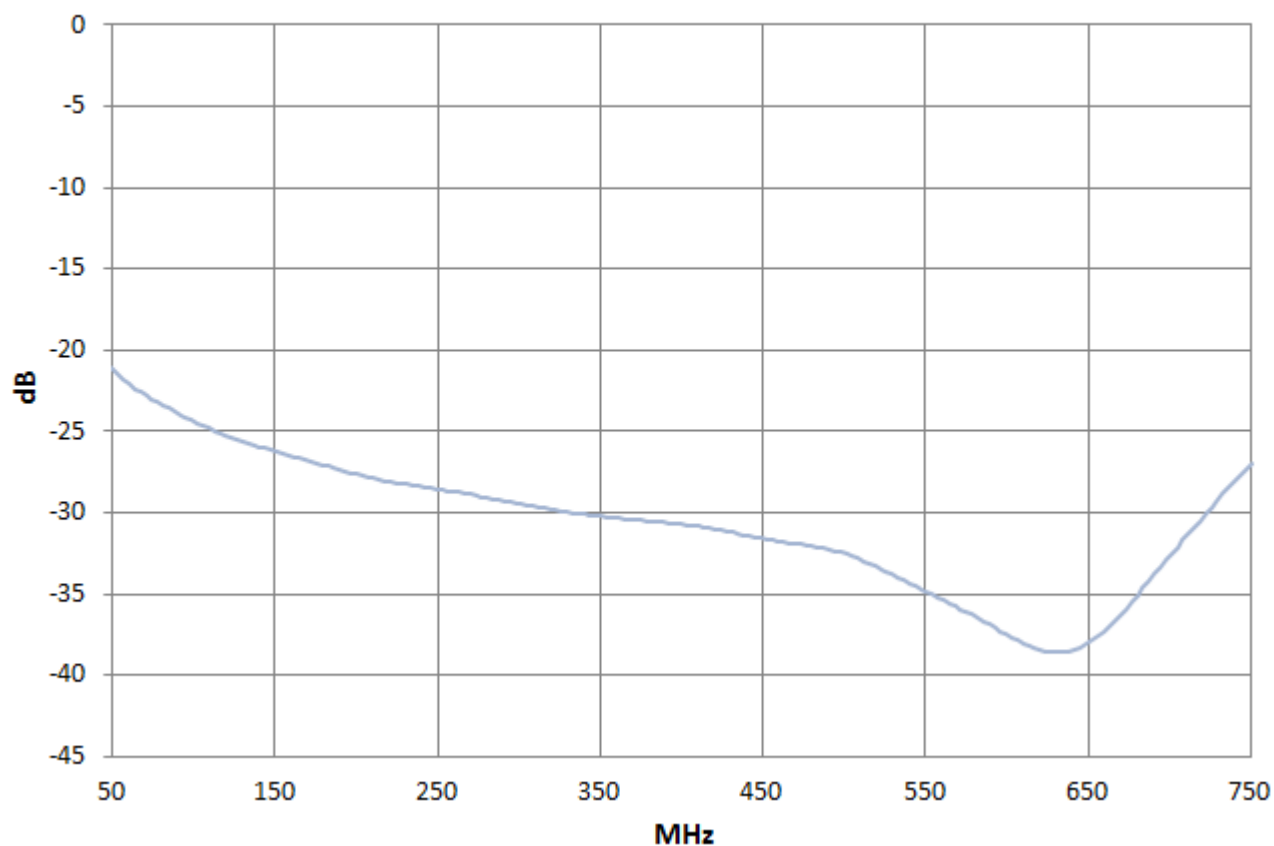
Output Return Loss Pin4



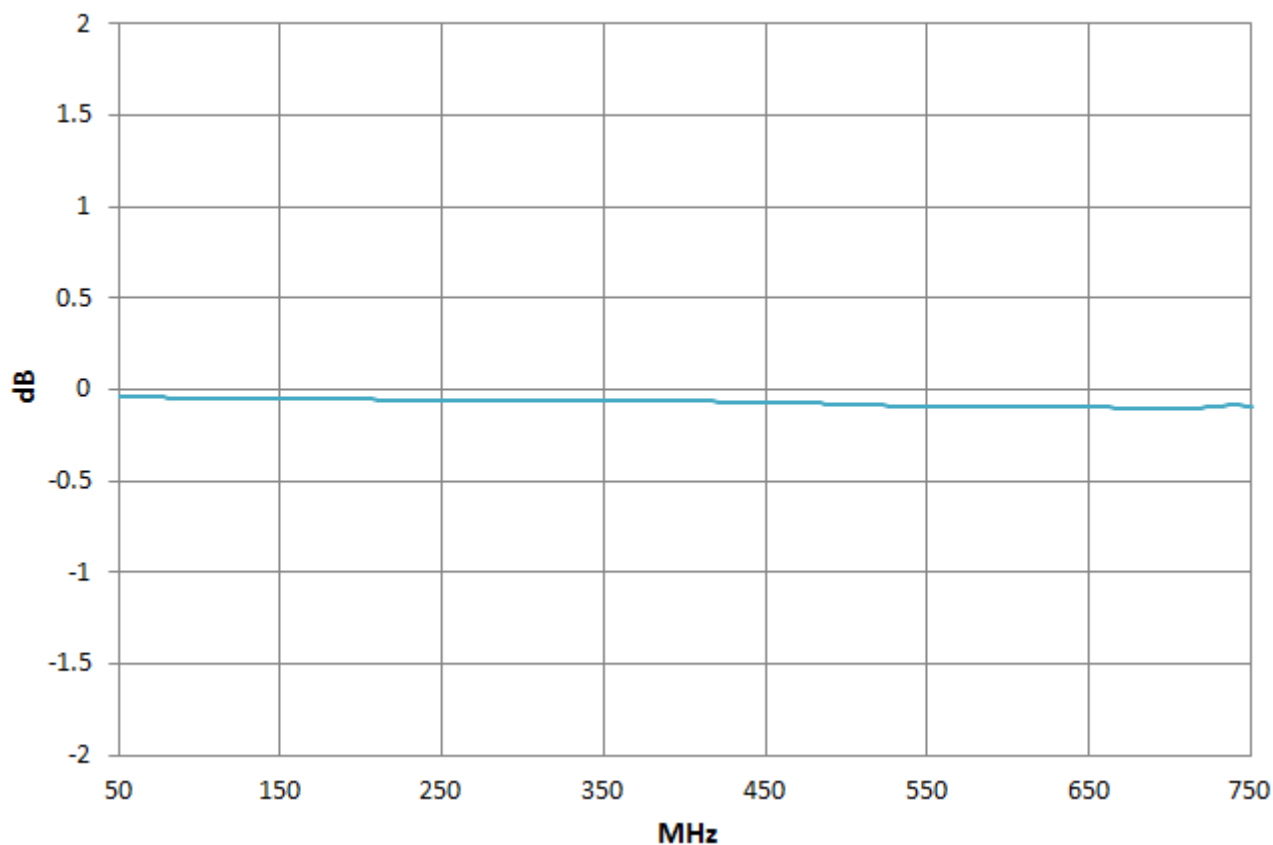
Output Return Loss Pin6



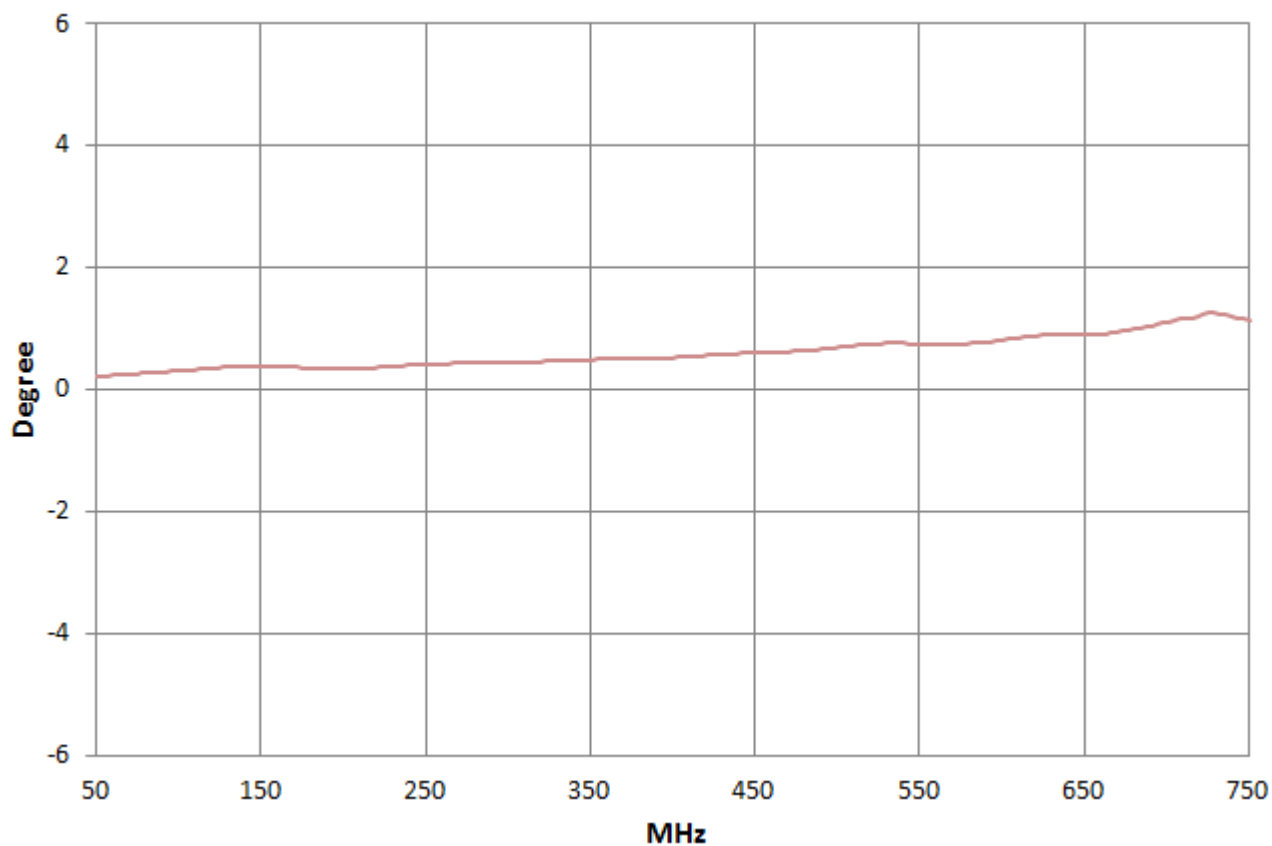
Output Return Loss Pin3



Amplitude



Phase



Isolation

