



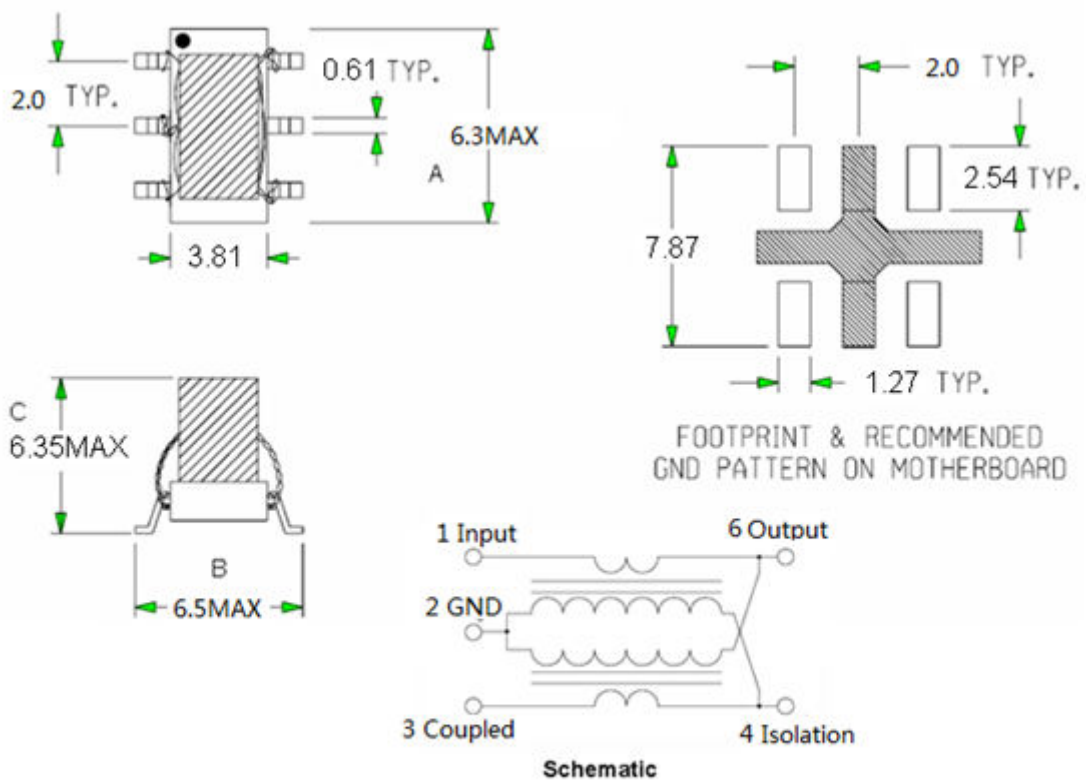
6dB coupler **Frequency: 5-1000MHZ.**

Feature:

- .6dB COUPLER.
- .SMT part.
- .Packaging 1300pcs per reel.
- .used in 50ohm systems.
- .Lead free solder.



ROHS COMPLIANT



All dimension tolerances $\pm 5\%$
unless otherwise specified.



Description:

.LH SL016034 is a 6dB coupler.

Low cost SMT coupler transformer designed high volume applications.

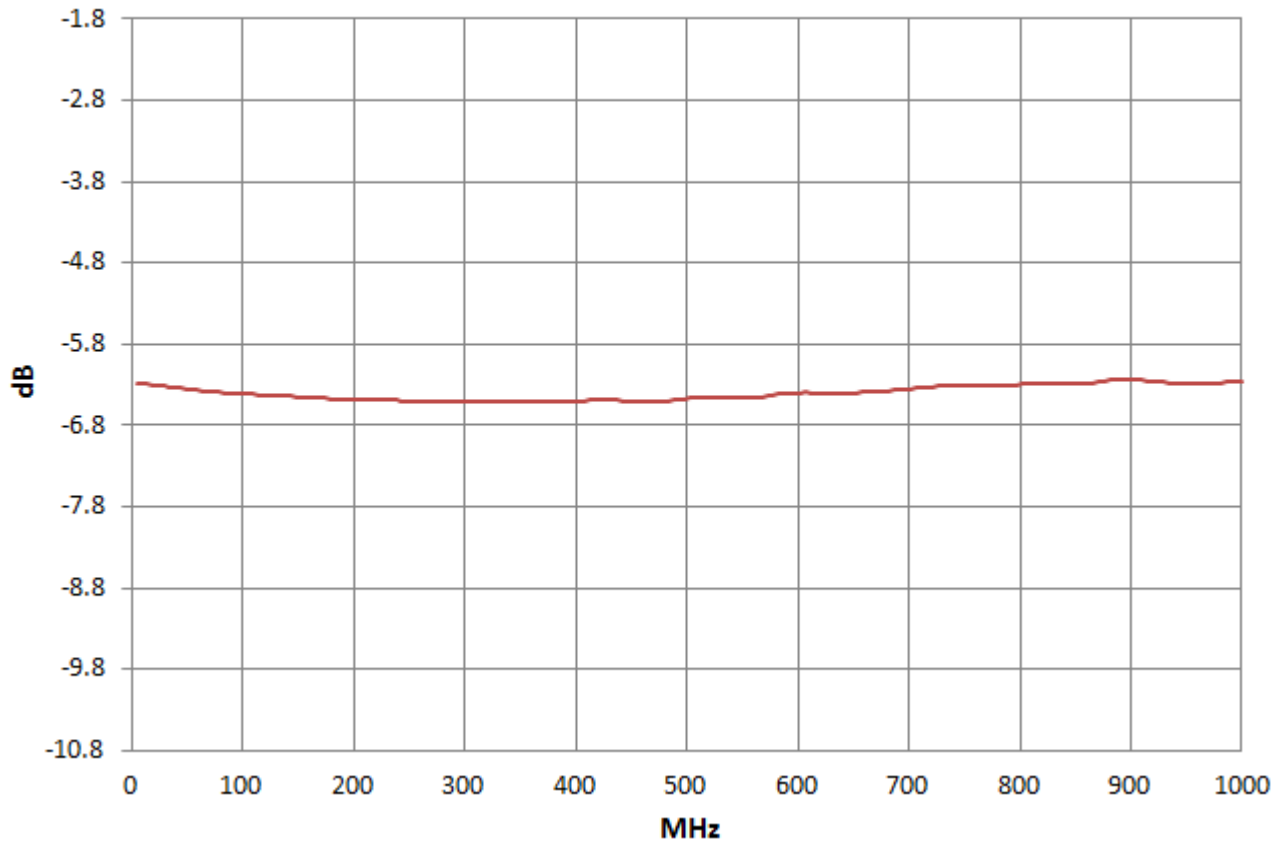
PIN CONFIGURATION

PIN	FUNCTION
1	Input
2	Ground
3	Coupled
4	External 50 ohms
6	Output

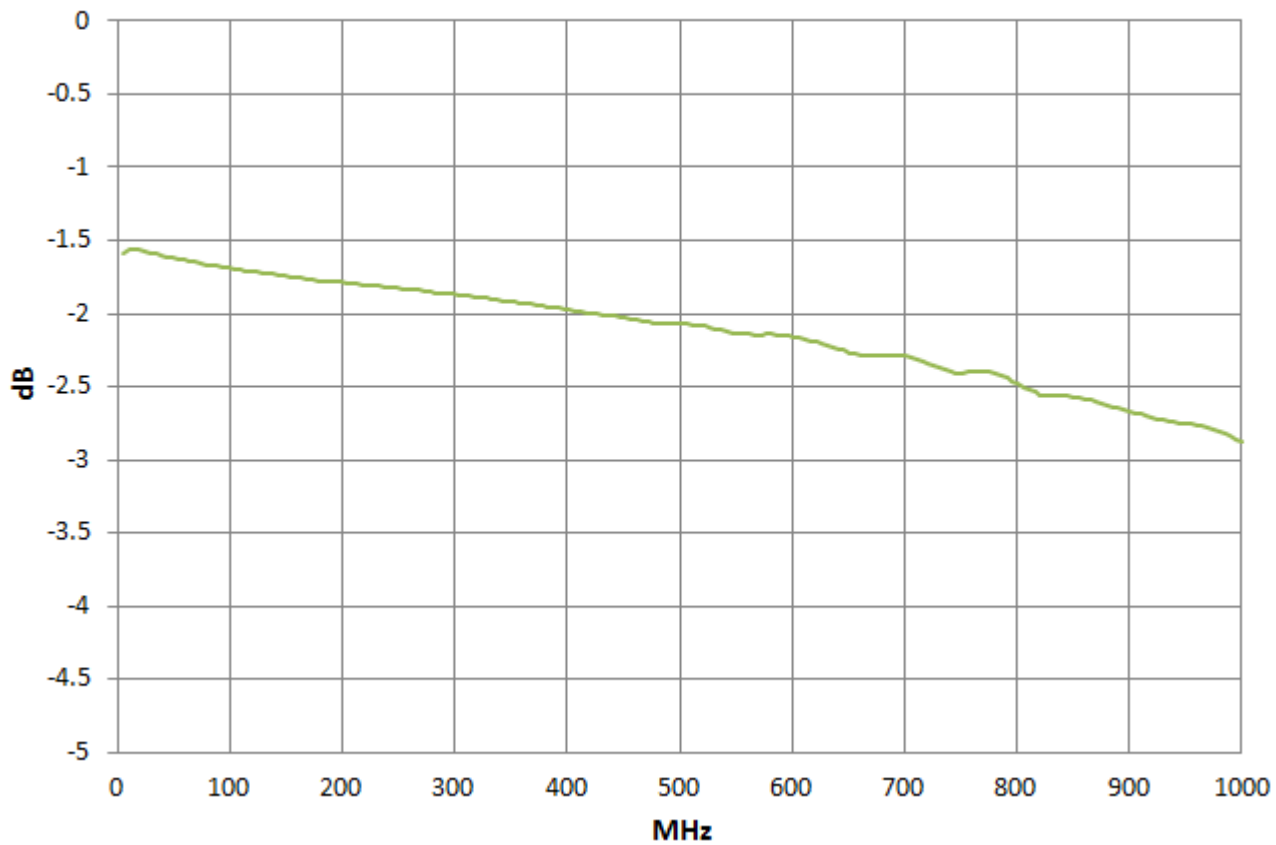
Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1000MHz	dB	-5.8	-6.3	-6.8
Flatness		dB			±0.5
Mainline Loss	5-1000MHz	dB	---	-3.0	-3.5
Input return loss	5-500MHz	dB	-15	17	-
	500-1000MHz	dB	-12	15	-
Output return loss	5-500MHz	dB	-15	17	-
	500-1000MHz	dB	-12	15	-
Coupling Return Loss	5-500MHz	dB	-15	17	-
	500-1000MHz	dB	-12	15	-
Isolation	5-500MHz	dB	-15	23	-
	500-1000MHz	dB	-12	15	-
RF Power Rating (max)		250mW			
DC Current (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			



Coupling

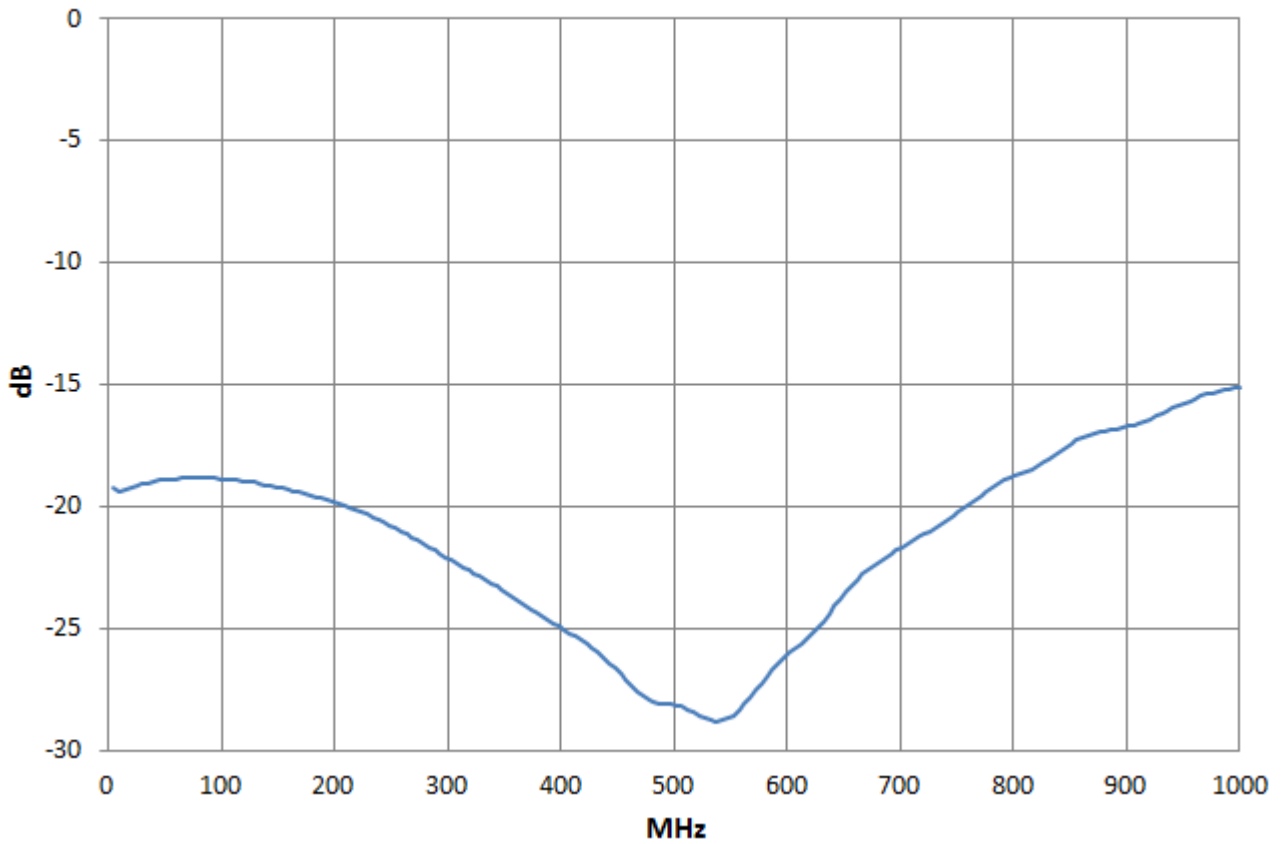


Mainline Loss

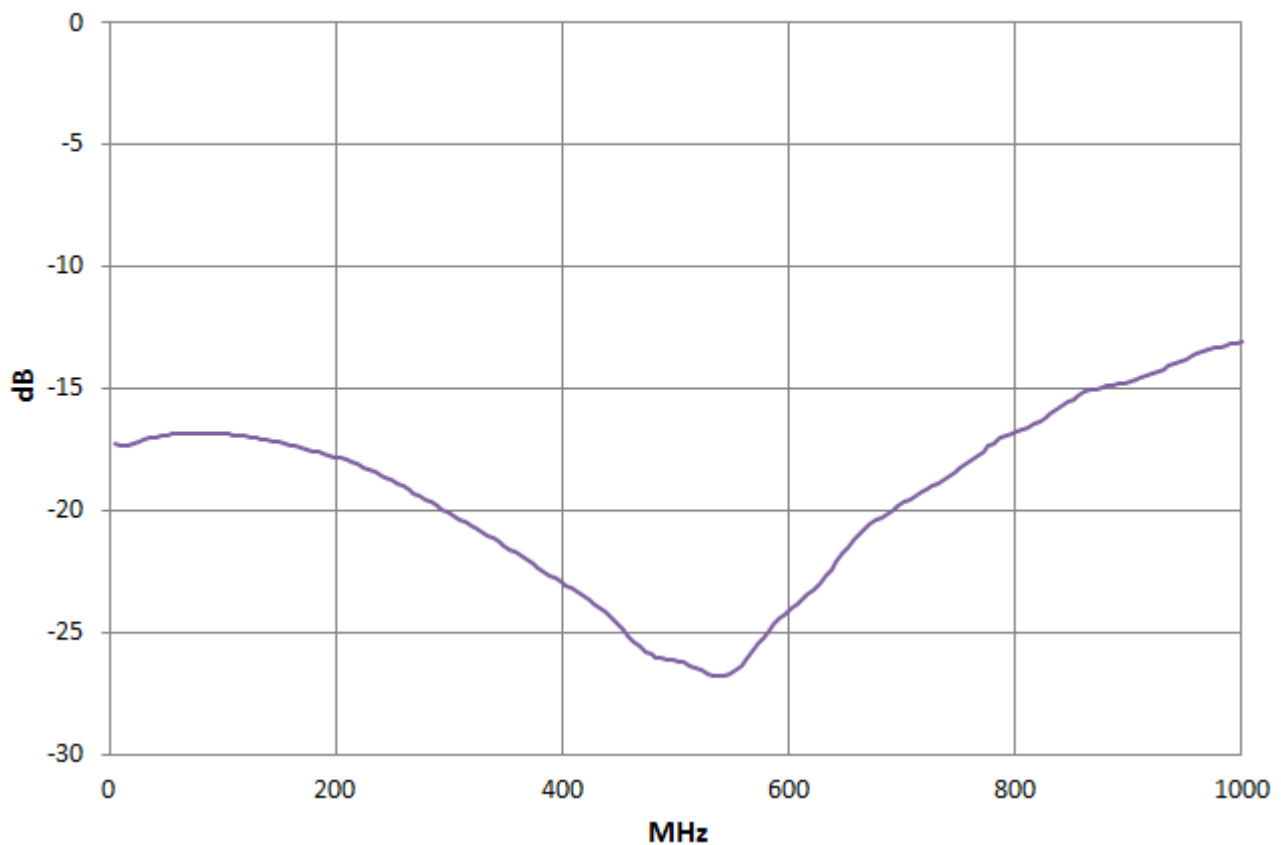




Input Return Loss

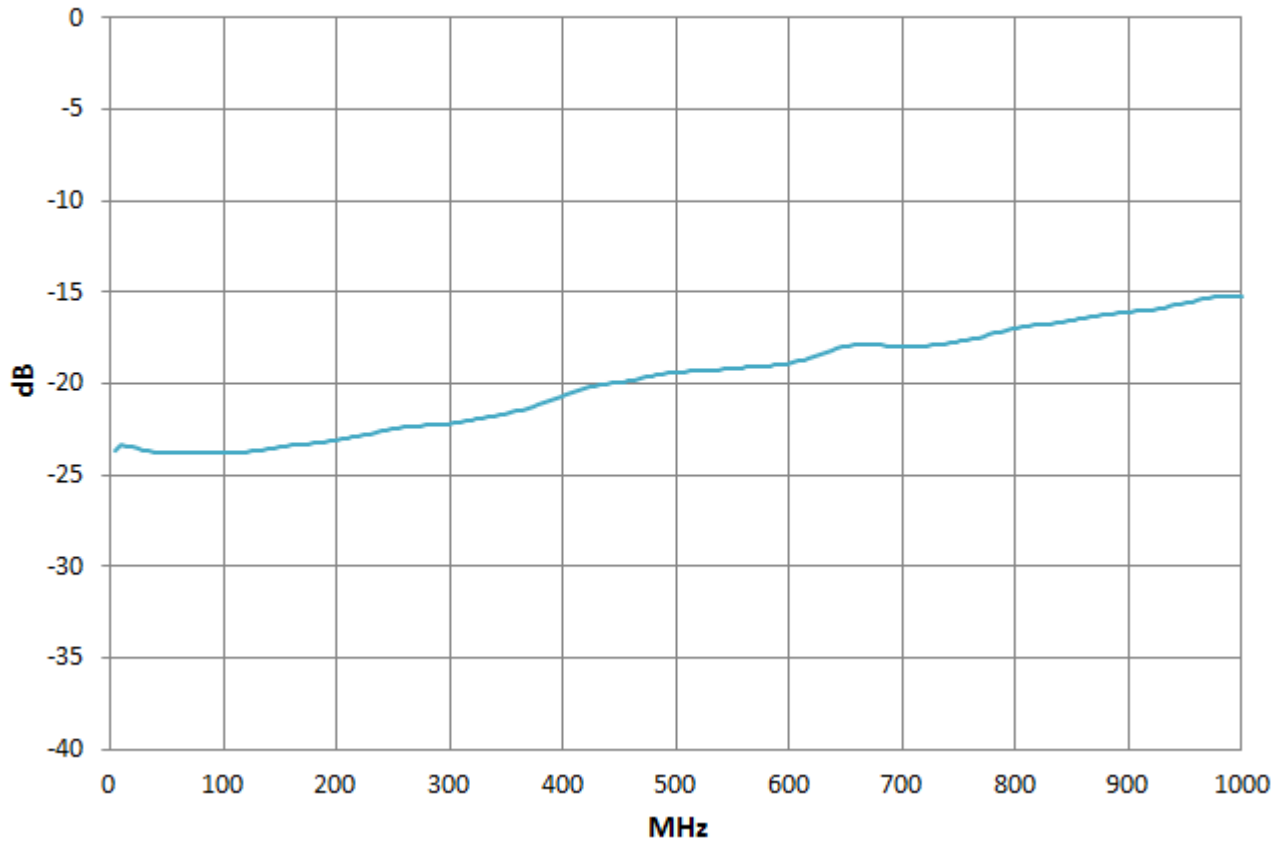


Coupling Return Loss





Output Return Loss



Isolation

