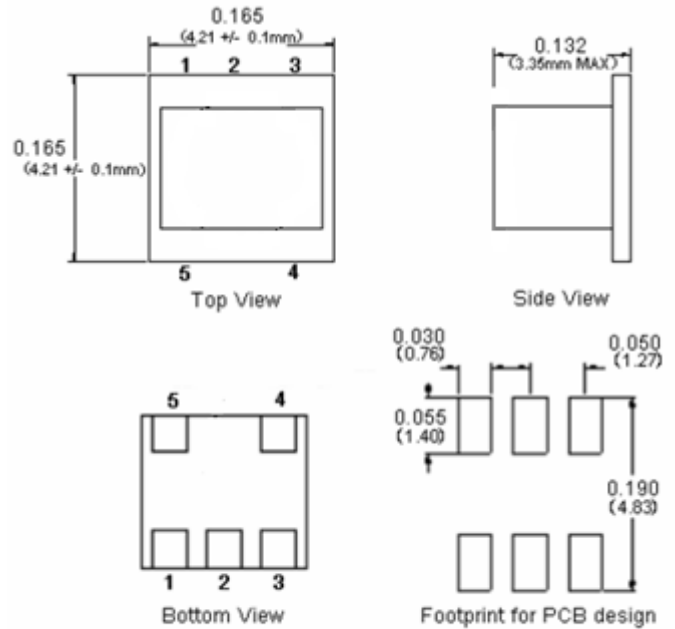


Outline drawing

Feature:

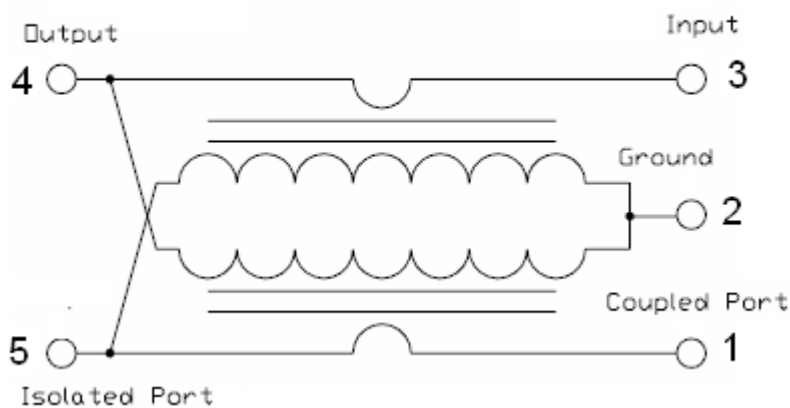
10db coupler

- Surface mount
- 260°C reflow compatible
- RoHS* compliant and lead free
- welding connect



Dimensions in inches [mm] Tolerance: .xx ± .02, .xxx ± .010

Schematic



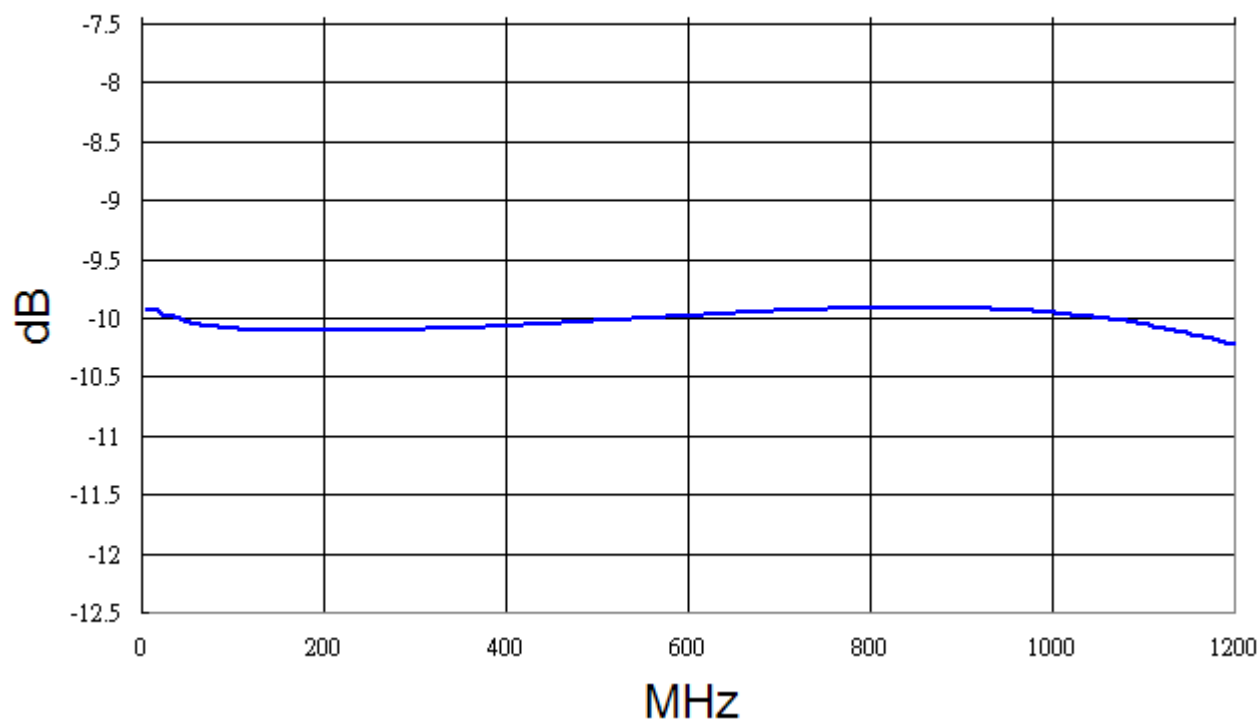
PIN CONFIGURATION

PIN	FUNCTION
1	Coupled
2	Ground
3	Input
4	Output
5	External 75 ohms

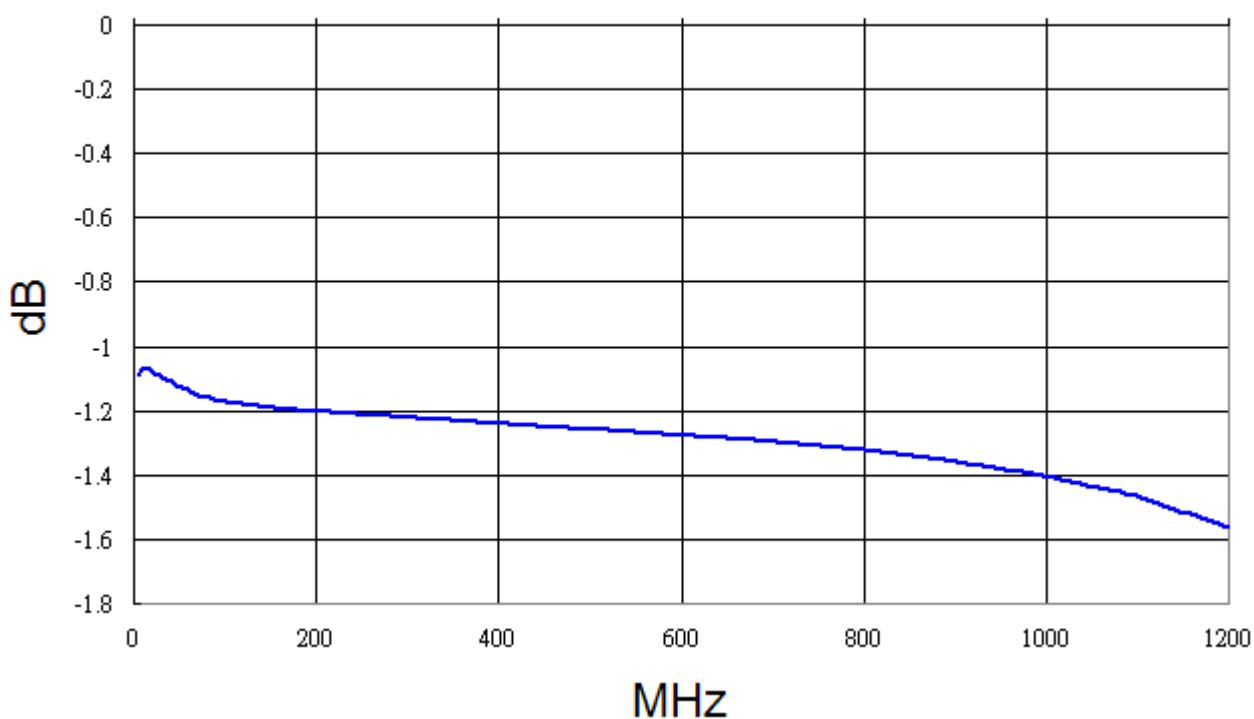
Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1200MHz	dB	-9.5	-10.0	-10.5
Mainline Loss	5-50MHz	dB	---	-1.1	-1.4
	50-500MHz	dB	---	-1.3	-1.5
	500-1000MHz	dB	---	-1.4	-1.7
	1000-1200MHz	dB	---	-1.50	-2.0
Input return loss	5-1200MHz	dB	-12	-18	-
Output return loss	5-1200MHz	dB	-12	-23	-
Coupling Return Loss	5-1200MHz	dB	-12	-16	-
Directivity	5-50MHz	dB	-20	-22	-
	50-600MHz	dB	-16	-20	-
	600-1000MHz	dB	-14	-18	-
	1000-1200MHz	dB	-11	-14	-
RF Power Rating (max)		250mW			
DC Current (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

Actual test parameter.

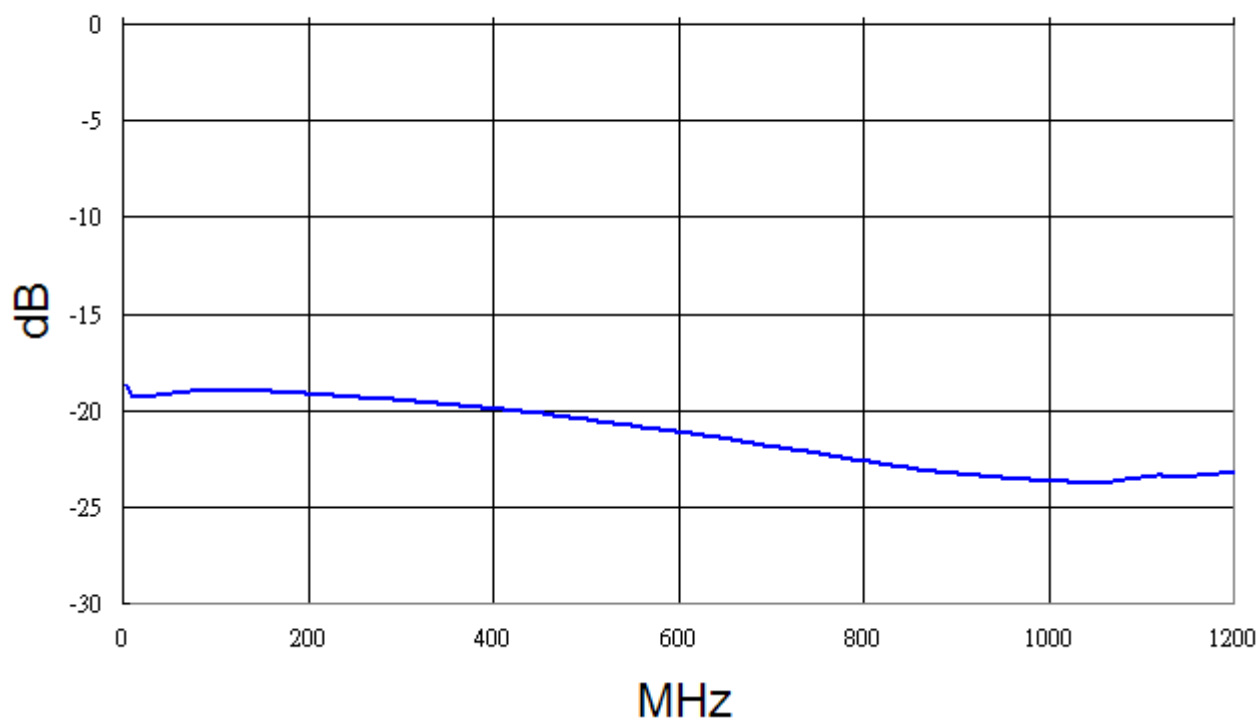
Coupling



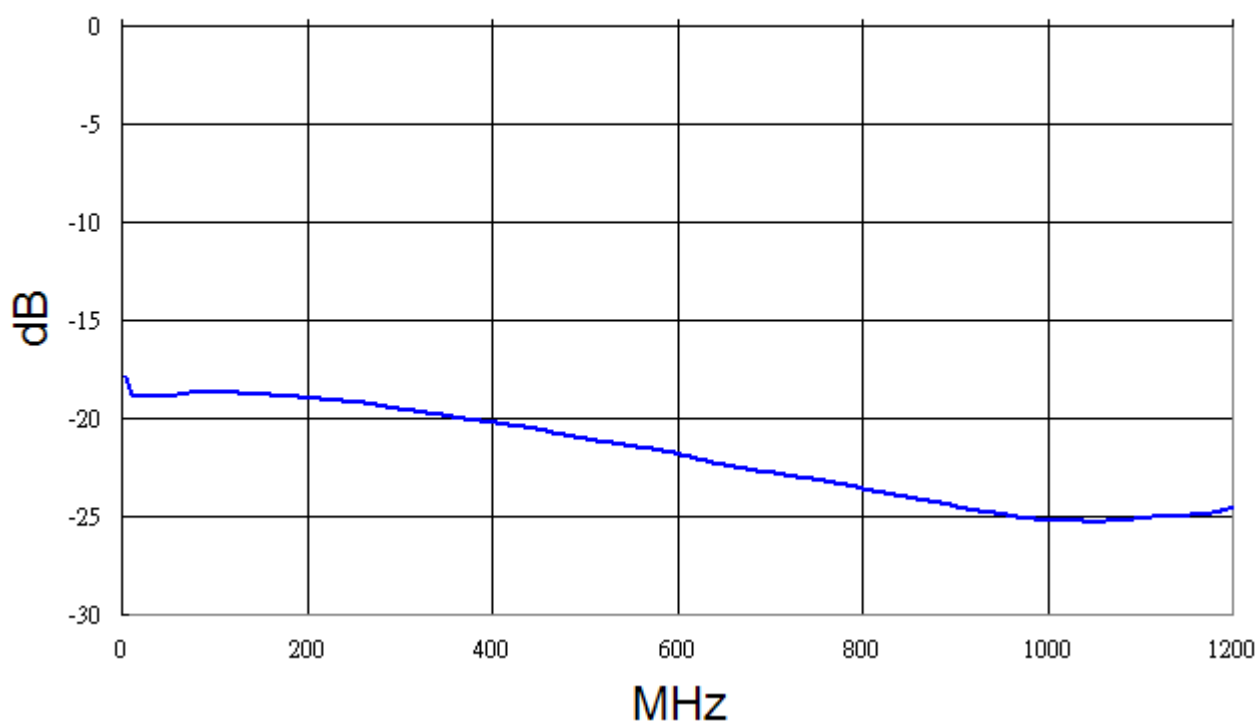
Mainline Loss



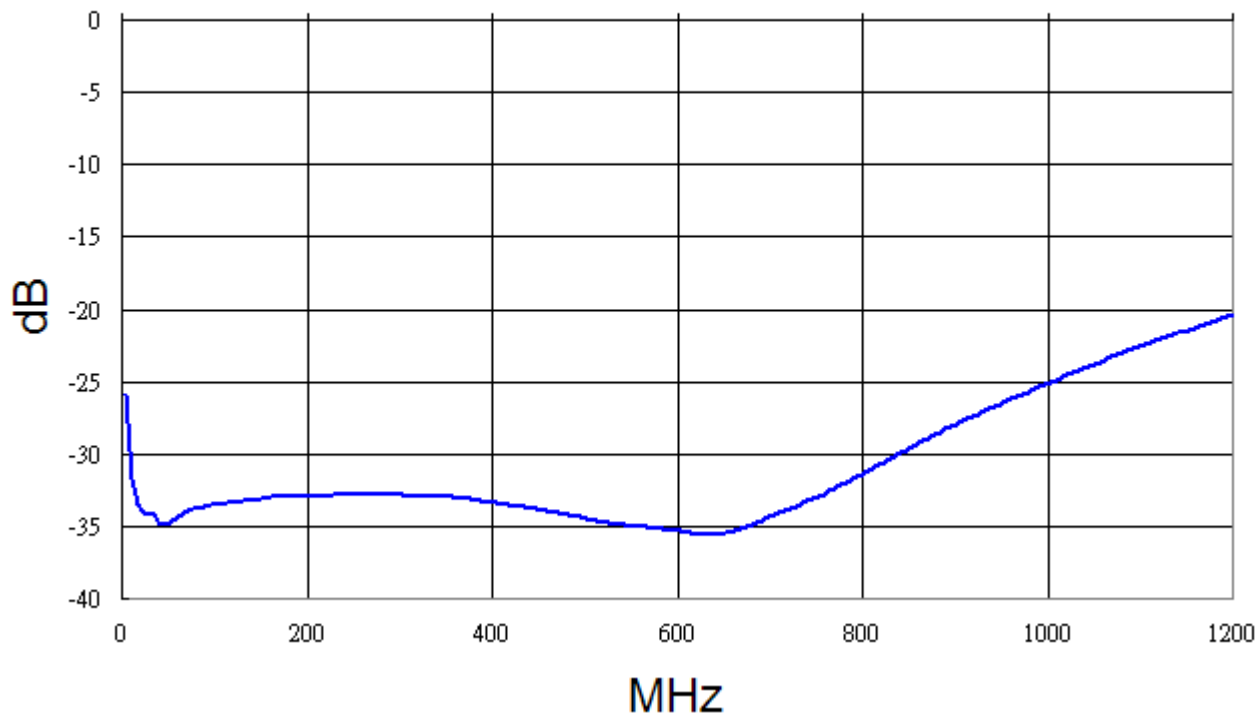
Input Return Loss



Coupling Return Loss



Output Return Loss



Directivity

