

DIRECTIONAL COUPLER

SURFACE MOUNT MODEL: GC6-2

WIDE BANDWIDTH

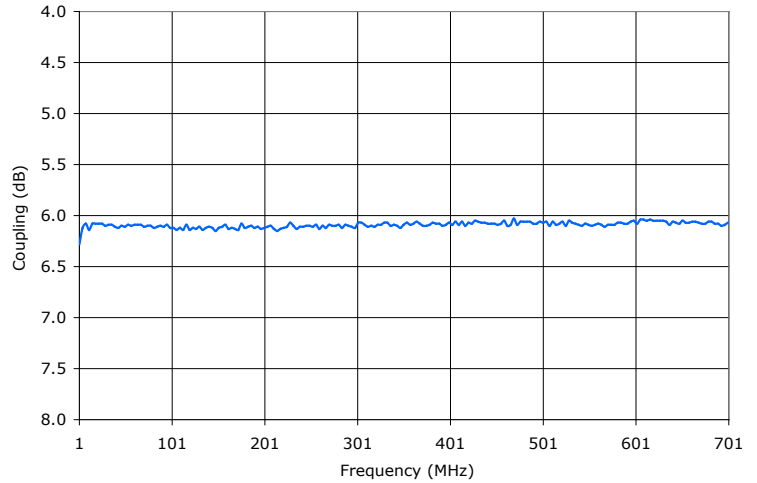
1 - 700 MHz

FEATURES:

- ▶ Low Insertion Loss
- ▶ Excellent Coupling Flatness
- ▶ Lead Free Patented Rel-Pro® Technology
- ▶ Small Size, Surface Mount

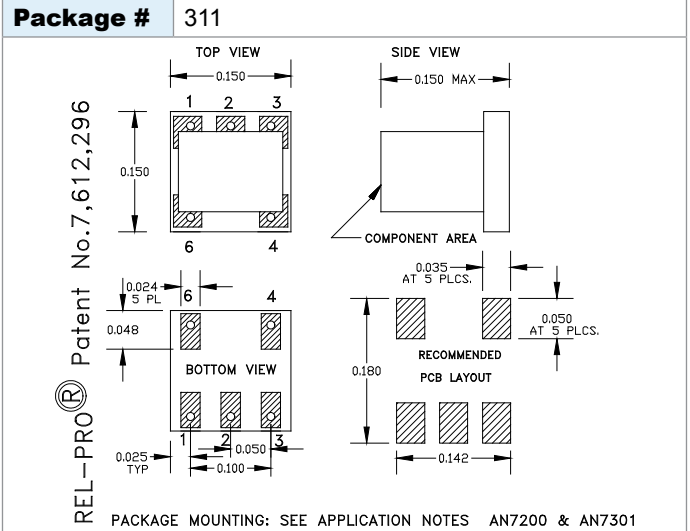


Part Identifier:
Green Stripe



SPECIFICATIONS

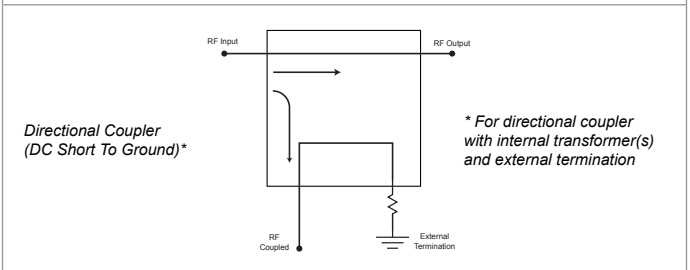
Frequency	1 - 700 MHz		
Coupling	6 dB ±0.5 dB (Nom.)		
Coupling Flatness	±1.0 dB		
Mainline Loss	Freq. (MHz)	dB (Typ.)	dB (Max.)
	1 - 50	1.8	2.3
	50 - 350	2.0	2.5
Directivity	Freq. (MHz)	dB (Typ.)	dB (Min.)
	1 - 50	32	20
	50 - 350	26	18
	350 - 700	15	10
Input Power Rating	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
VSWR:	1.40:1 (Typ.)		
Operating Temperature Range	-40 to +85 °C		



PORT CONFIGURATION

Input	Output	Coupled	Isolated*	Gnd.
6	1	4	3	2

* Terminate with 50 Ohms externally.



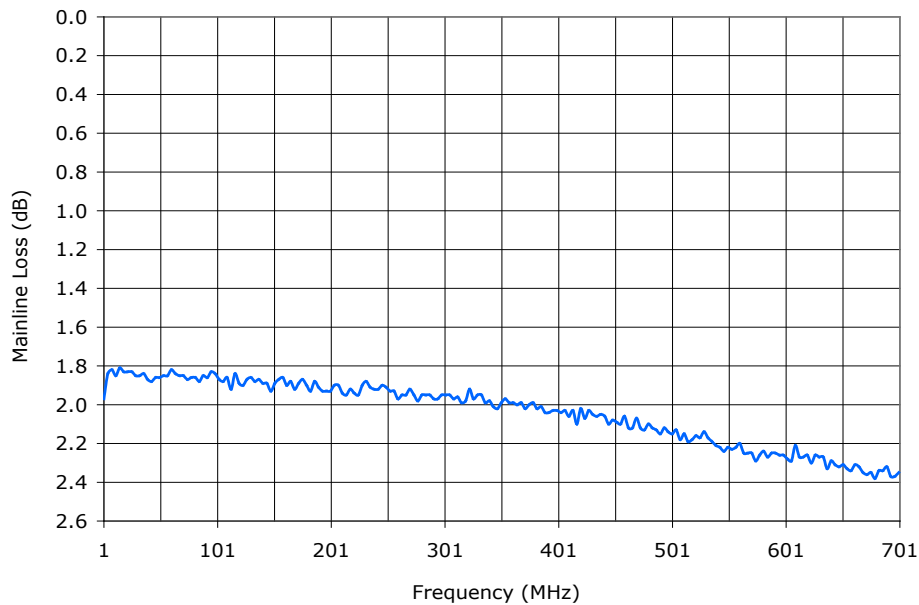
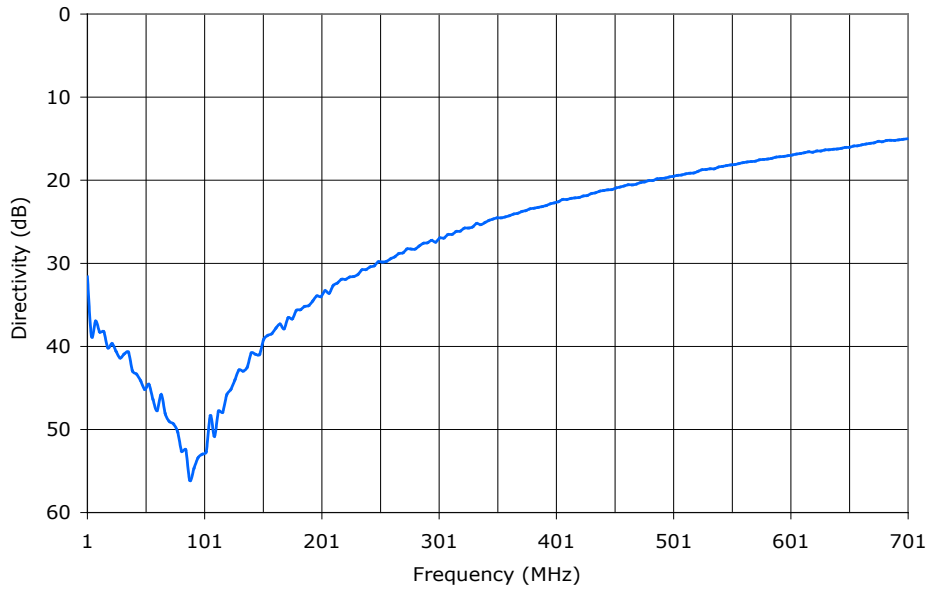
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PERFORMANCE PLOTS

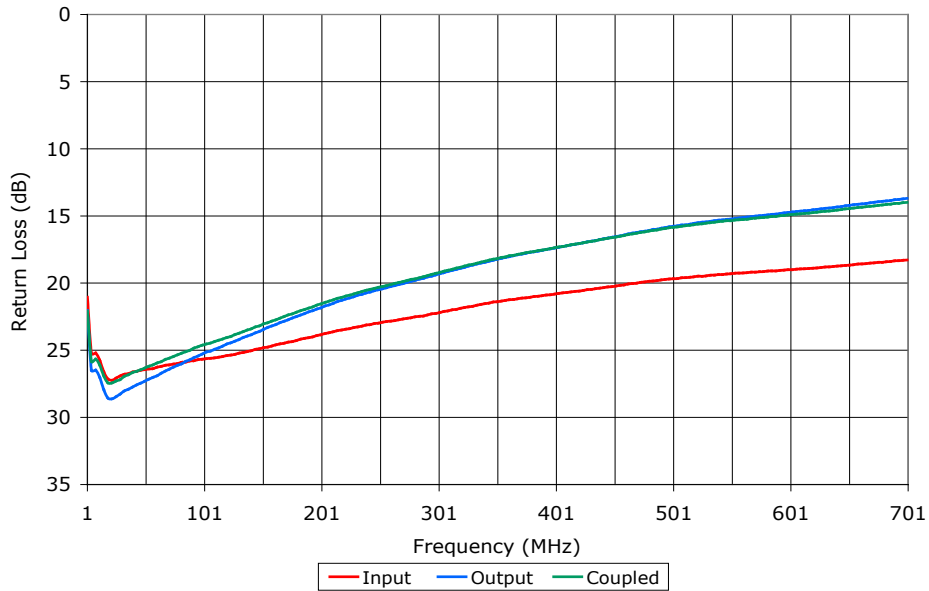


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