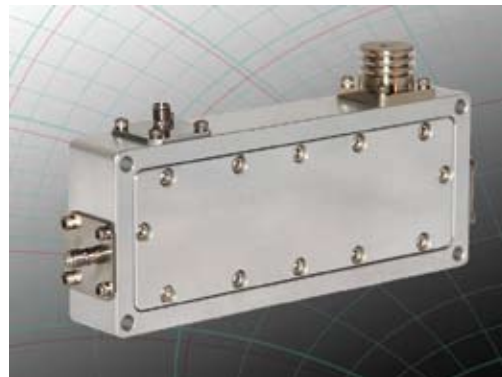




# Directional Coupler

Model C1-A61, 6dB

Model	C1-A61	
Frequency range	400 - 2900 MHz	
Coupling	400-500 MHz	501-2900 MHz
	6 +2.5, -0.0 dB	6 ± 0.75 dB
Insertion Loss	20 dB Min.	
	Dissipative	0.2 dB
Incl. coupling	1.35 dB	1.55 dB
Return Loss	23 dB Min.	
Main line / coupled Port	20 dB Min.	
RF Power	100 Watts	
Internal termination	5 Watts	
PIM	-110 dBm	
Two (2) 30 dBm tones input	-110 dBm	
Connectors	SMA female	
Temperature	-10° C to +50° C	
Environment	IP 65 sealed [O-ring]	



The Model C1-A59 directional coupler operates over the full frequency range of 400-2900 MHz . The nominal coupling value is 6 dB and the flatness is held within +/- 0.5 dB over more than 80 % of the frequency band. The unit features excellent PIM performance and offers directivity of better than 20 dB over frequency range. The unique "n" multisection design is ideal for

applications over multiple frequency bands from 400MHz up to 2900 MHz in a single unit, for indoor or outdoor applications.

**Made in USA.**

