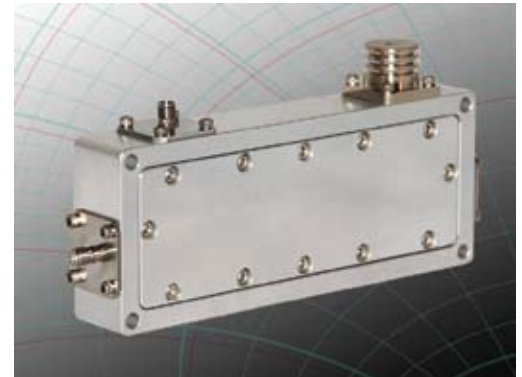




Directional Coupler

Model C1-A59, 10dB

Model	C1-A59	
Frequency range	400 - 2900 MHz	
Coupling	400-500 MHz	501-2900 MHz
	10 +3, -0.0 dB	10 +1.2, -0.5 dB
Insertion Loss		
Dissipative	0.2 dB	0.3 dB
Incl. coupling	0.55 dB	0.75 dB
Directivity	20 dB Min.	
Return Loss		
Main line / coupled Port	23 dB Min.	
RF Power	100 Watts	
Internal termination	5 Watts	
PIM		
Two (2) 30 dBm tones input	-110 dBm	
Connectors	SMA female	
Temperature	-10° C to +50° C	
Environment	Indoor	



The Model C1-A59 directional coupler operates over the full frequency range of 400-2900 MHz . The nominal coupling value is 10dB 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.

