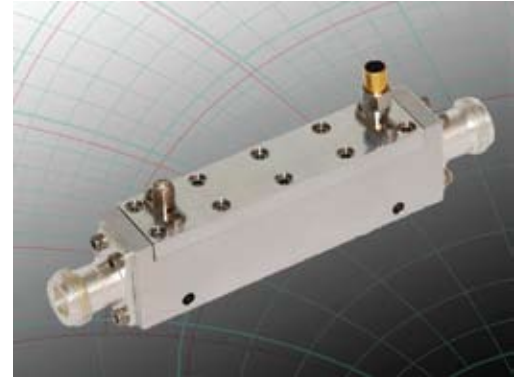


Model	C1-A47	
Frequency range	1 - 12.4 GHz	
Coupling	35 dB + 1.5dB	
Insertion Loss	TYPICAL	MAX
	0.2 dB	0.3 dB
Directivity	18 -25dB typical, 15dB MIN	
Return Loss Main line / coupled Port	20 - 25dB typical, 15dB MIN	
RF Power Internal termination	600 Watts 2 Watts	
Connectors Main Line Coupled	Type N female, high torque SMA (f)	
Temperature	-40° C to +80° C	
Environment	Indoor	

Note: Usable 700 - 16,000 MHz , request actual data.



The Model C1-A47 directional coupler operates over the full frequency range of 700-12,400 MHz (usable to 16 GHz) . The nominal coupling value is 35dB and the flatness is held within +/- 1.5 dB over the frequency band. The unit features a coaxial airline design with minimum insertion loss and offers directivity of better than 20 dB over frequency range. The unique "n" multisection design is ideal applications over multiple frequency bands in a single unit, for high power and flat coupling.

**Made in USA**

