

Directional Couplers

Low Frequency

RLC Electronics' CLF Series Directional Couplers, covers a wide frequency range of 10 to 500MHz and 25 to 1000 MHz, using unique lumped element designs to achieve the wide

bandwidth. They are housed in a convenient low profile (0.4 inch) SMA or Pin package.

Specifications

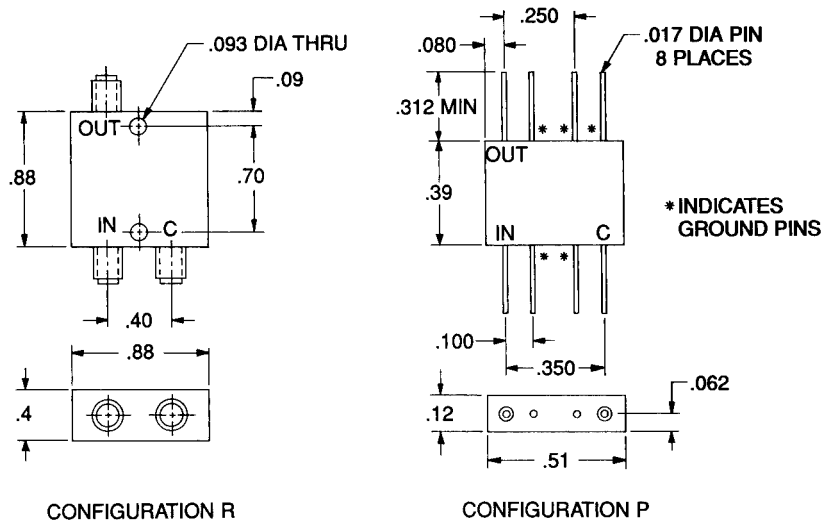
Model Number-1

Model Number	Frequency Range (MHz)	Coupling (Nominal) (dB)	Directivity (dB) (Min.)	VSWR (Max)		Maximum Deviation from Nominal (dB)	Frequency Sensitivity (dB)	Insertion Loss Max. (dB)	
				Main Line	Secondary Line			Excluding Coupling	Including Coupling
CLF-10-500 - 10	10-500	10.7	20	1.5	1.5	±0.5	±0.5	1.0	1.0
CLF-10-500 - 20	10-500	20.2	20	1.35	1.35	±0.4	±0.4	0.35	0.4
CLF-10-500 - 16	25-1000	16.0	20	1.35	1.35	±0.5	±0.4	0.6	0.75

To designate Coupler desired use:

(1) R for SMA female or P for pins.

Outline Drawing



Specials requiring closer tolerances, different frequency ranges, special connectors, different materials, finishes, etc., can be furnished upon request. Specifications subject to change without notice.



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