

2 WAY RESISTIVE POWER SPLITTER



RLC Electronics' D—1814A is a broadband DC to 18 GHz resistive power splitter which utilize two resistors, one on each of the output ports, and is a unidirectional device. It provides exceptional amplitude tracking and a very low

equivalent output VSWR over the whole frequency range. It can be used in applications in which one of the two outputs is included in a leveling loop as a reference in a ration system.

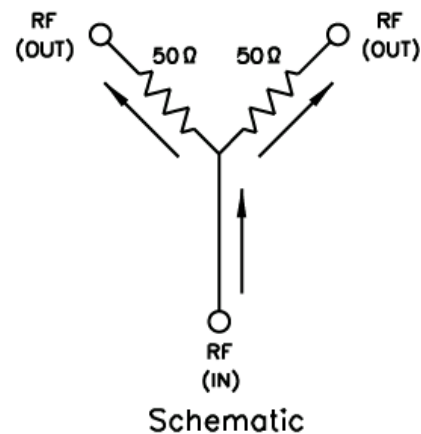
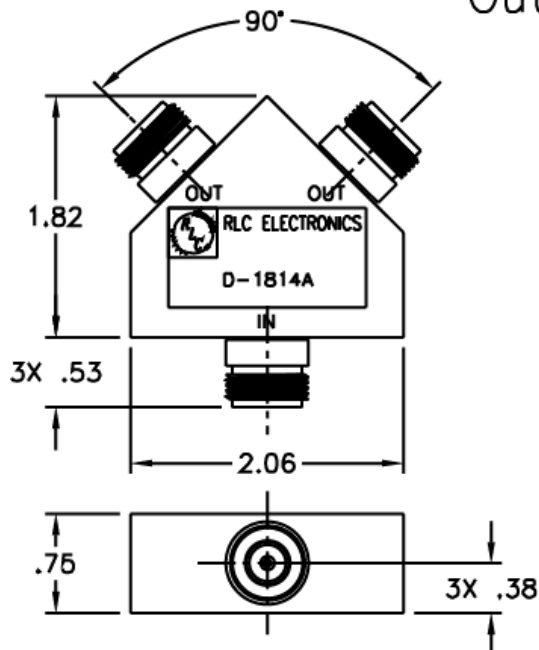
Specifications

Model No.	Frequency Range (GHz)	INPUT VSWR (Max.)	EQUIVALENT OUTPUT VSWR (Max.)	AMPLITUDE BALANCE (dB) (Max.)	PHASE BALANCE (Typical)
D—1814A	DC—4	1.15:1	1.10:1	± .15	±0.5°
	4—8	1.25:1	1.20:1	± .20	±1.5°
	8—18	1.45:1	1.33:1	± .25	±3.0°

Impedance: 50 ohms nominal
Insertion Loss C: 6dB nominal
Input Power: +27 dBm maximum

Connectors: Type N female stainless steel
Environmental Conditions: MIL-E-5400, Class 1A

Outline



Specifications subject to change without notification

Tolerances unless otherwise specified are: .xx ±.02, .xxx ±.010

Specials requiring closer tolerances, different frequency ranges, special connectors different materials, finishes, etc. can be furnished upon request.



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