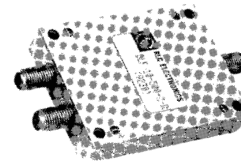


Power Dividers Low Frequency



RLC Electronics' DLF Series Power Dividers/Combiners covers a wide frequency range of 10 to 500 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

DLF-10-500¹⁻²

Model Number	-	Isol. (dB) (Min)	VSWR (Max.)	I. L. (dB) (Max)	Amplitude Balance	Phase Degrees	Configuration R		Configuration P	
							A	B	A	B
DLF-10-500 - 2	2 way	20	1.50	0.8	±.3	±4	1.00	1.44	.50	.55
DLF-10-500 - 3	3 way	18	1.50	1.0	±.4	±4	1.00	1.88	.50	.70
DLF-10-500 - 4	4 way	20	1.50	1.5	±.4	±8	1.00	2.32	.75	.85
DLF-10-500 - 6	6 way	15	1.50	1.75	±.5	±8	1.25	3.20	.90	1.15
DLF-10-500 - 8	8 way	17	1.50	2.0	±.6	±10	1.25	4.08	1.25	1.45

Power: 1 watts avg.
Impedance: 50 Ohms

Connector: SMA or Pin
Environment: MIL-E-5400, Class 1A

To designate power divider desired use:

- (1) -2 for 2-way, -3 for 3way, etc.
- (2) R for SMA female or P for pins.

Example: DLF-10-500-4-R is a 4-way power divider with SMA connectors

Outline Drawing

