



Mini-Circuits

DESIGNER'S KIT K1-DCW+

Directional Couplers



50Ω 1.2 to 7.2 GHz

FEATURES

- Choice of coupling: values range from 6 dB to 30 dB
- Perfectly suited for WiFi, Bluetooth, Zigbee Applications
- Small size, 0603
- Rugged LTCC construction
- Excellent Power Handling, up to 2 Watts
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-DCW+ ELECTRICAL SPECIFICATIONS

(7 models, 5 of each, 35 Total)

Model	Frequency (MHz)	Coupling Nom. (dB)	Mainline Loss (dB) Typ. ¹	Directivity (dB) Typ.	VSWR (:1) Typ.	Power Input Max. ² (W)	Case Style
DCW-6-722+	4400-7200	6.75	1.7	17	1.33	1	JC0603C
DCW-11-722+	2400-7200	13	0.7	12	1.33	1	JC0603C
DCW-6-352+	2300-3500	6	1.9	15	1.23	2	JC0603C
DCW-14-472+	3600-4700	14	0.7	13	1.16	2	JC0603C
DCW-22-332+	1200-3300	22	0.4	12	1.18	2	JC0603C
DCW-9-432+	2300-4300	9	1.3	17	1.21	2	JC0603C
DCW-30-272+	700-1000	30	0.2	15	1.15	2	JC0603C
	1000-2170	28	0.2	16	1.15		
	2170-2700	28	0.3	12	1.15		

1. Includes theoretical coupling loss.

2. For power de-ratings, please see individual model data sheets.


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