



# DESIGNER'S KIT K1-ADP+

# 2WAY-0° Power Splitter/Combiners

50Ω 0.5 to 2000 MHz



## FEATURES

- Wideband, 50 Ω
- Low insertion loss
- Excellent amplitude unbalance
- Good phase unbalance
- Aqueous washable
- Small plastic case

(L) 0.310" x (W) 0.272" includes leads

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## K1-ADP+ ELECTRICAL SPECIFICATIONS

(6 models, 2 of each, 12 total)

Model	Frequency (MHz) $f_L$ - $f_U$	Isolation (dB)						Insertion Loss (dB) Above 3.0dB						Phase Unbalance (Degrees)			Amplitude Unbalance (dB)			Input Power (W) (as a splitter) Max.
		L*		M		U*		L*		M		U*		L*	M	U*	L*	M	U*	
		Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	
ADP-2-1+	0.5-400	25	20	25	20	25	20	0.2	0.4	0.3	0.6	0.5	1.0	1.0	2.0	3.0	0.10	0.2	0.3	0.5
ADP-2-1W+	1-650	30	20	30	20	24	20	0.2	0.8	0.25	0.8	0.5	1.0	2.0	2.0	3.0	0.15	0.2	0.3	2.0
ADP-2-9+	200-900	—	—	27	20	—	—	—	—	0.4	0.8	—	—	—	2.0	—	—	0.3	—	0.5
ADP-2-10+	5-1000	25	15	23	15	20	15	0.3	0.9	0.4	0.9	0.6	1.2	2.0	2.0	3.0	0.20	0.2	0.3	0.5
ADP-2-4+	10-1000	25	20	23	16	19	14	0.3	0.5	0.4	0.9	0.8	1.5	1.0	3.0	5.0	0.15	0.2	0.4	1.0
ADP-2-20+	20-2000	18	15	18	15	18	15	0.5	0.8	0.7	1.0	0.8	1.5	2.0	3.0	5.0	0.20	0.3	0.7	1.0

L=low range [ $f_L$  to  $10f_L$ ] M=mid range [ $10f_L$  to  $f_U/2$ ] U=upper range [ $f_U/2$  to  $f_U$ ]

\*When only specification for M range given, specification applies to entire frequency range.

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