

6 Way-0° Power Splitter/Combiner

ZC6PD-K1844+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-3	S-5		1-2	1-3	1-6			S	1	3
12000	8.72	8.77	8.35	0.55	22.17	28.39	31.57	3.48	12000	1.09	1.16	1.20
13000	8.80	8.89	8.44	0.55	26.39	23.72	39.35	3.12	13000	1.24	1.35	1.41
14000	8.81	8.87	8.56	0.44	24.67	24.69	43.78	3.76	14000	1.25	1.32	1.36
15000	8.80	8.86	8.56	0.52	27.37	21.90	33.98	4.09	15000	1.05	1.18	1.20
16000	8.85	8.91	8.58	0.42	31.03	28.45	30.79	4.27	16000	1.07	1.33	1.36
17000	8.94	8.98	8.65	0.42	36.19	23.44	29.93	4.51	17000	1.09	1.07	1.06
18000	9.01	9.07	8.76	0.35	24.93	25.27	30.10	4.83	18000	1.16	1.18	1.24
19000	9.03	9.10	8.78	0.35	21.19	32.07	30.79	5.08	19000	1.06	1.09	1.10
20000	9.04	9.10	8.86	0.39	27.64	25.10	32.20	5.11	20000	1.10	1.18	1.20
21000	9.12	9.17	8.93	0.35	28.72	32.32	35.94	5.41	21000	1.21	1.21	1.22
22000	9.14	9.17	8.99	0.39	31.39	25.49	46.19	5.47	22000	1.09	1.13	1.14
23000	9.16	9.22	9.07	0.32	38.95	29.53	42.26	5.49	23000	1.16	1.26	1.27
24000	9.15	9.22	9.09	0.30	36.32	26.65	36.40	5.86	24000	1.05	1.13	1.10
25000	9.23	9.29	9.20	0.34	26.53	34.14	34.53	6.16	25000	1.14	1.05	1.09
26000	9.33	9.36	9.18	0.31	24.61	31.29	34.13	5.94	26000	1.06	1.08	1.09
27000	9.41	9.43	9.23	0.27	32.43	28.68	33.68	6.21	27000	1.06	1.19	1.20
28000	9.46	9.47	9.31	0.25	27.25	32.32	34.15	5.93	28000	1.11	1.22	1.19
29000	9.43	9.51	9.35	0.28	27.03	25.26	35.16	5.83	29000	1.01	1.07	1.12
30000	9.53	9.58	9.46	0.28	42.84	32.38	37.43	5.94	30000	1.22	1.24	1.28
31000	9.67	9.62	9.51	0.23	36.79	27.28	41.65	5.47	31000	1.21	1.22	1.18
32000	9.66	9.62	9.57	0.25	28.28	37.37	49.10	5.00	32000	1.06	1.06	1.06
33000	9.71	9.69	9.61	0.21	27.52	30.18	45.83	5.42	33000	1.13	1.13	1.12
34000	9.77	9.75	9.67	0.23	33.89	31.99	39.71	5.79	34000	1.16	1.22	1.24
35000	9.85	9.77	9.73	0.19	30.64	37.08	35.98	5.94	35000	1.08	1.19	1.22
36000	9.96	9.85	9.82	0.19	26.31	26.45	33.69	5.83	36000	1.15	1.12	1.11
37000	10.01	9.85	9.85	0.21	32.19	32.37	32.32	5.83	37000	1.21	1.23	1.19
38000	10.11	9.98	9.95	0.21	33.11	27.69	33.06	6.21	38000	1.31	1.22	1.23
39000	10.18	10.00	10.01	0.26	29.28	36.05	35.86	6.47	39000	1.29	1.22	1.24
40000	10.30	10.09	10.12	0.27	33.35	30.34	42.98	7.10	40000	1.40	1.26	1.25
41000	10.28	10.03	10.10	0.29	45.79	30.28	49.37	7.94	41000	1.30	1.22	1.22
42000	10.29	10.01	10.03	0.31	34.66	44.09	41.46	8.84	42000	1.13	1.10	1.10
43000	10.43	10.13	10.06	0.39	27.46	30.00	37.09	10.25	43000	1.20	1.24	1.21
43500	10.47	10.14	10.17	0.37	35.66	36.52	35.59	11.02	43500	1.23	1.24	1.25

¹Total Loss = Insertion Loss + 7.8dB Splitter Loss

