

6 Way-0° Power Splitter/Combiner

ZC6PD-18263-S+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-3	S-5		1-2	1-3	1-6			S	(:1) 1	3
10000	8.35	8.30	8.21	0.13	32.37	18.26	25.98	2.55	10000	1.07	1.18	1.19
10500	8.32	8.28	8.24	0.10	21.97	29.97	26.74	2.69	10500	1.08	1.11	1.12
11000	8.34	8.29	8.24	0.14	24.60	23.38	27.92	2.71	11000	1.12	1.21	1.16
11500	8.39	8.33	8.27	0.12	29.72	21.93	29.34	2.60	11500	1.09	1.01	1.06
12000	8.39	8.34	8.34	0.15	21.59	28.06	31.39	2.74	12000	1.19	1.03	1.06
12500	8.41	8.36	8.28	0.14	24.27	37.66	34.51	2.36	12500	1.03	1.28	1.27
13000	8.44	8.39	8.34	0.13	26.77	28.63	40.55	2.00	13000	1.25	1.36	1.34
13500	8.42	8.35	8.41	0.14	24.61	26.88	53.34	2.33	13500	1.16	1.27	1.24
14000	8.43	8.36	8.53	0.18	24.65	26.08	40.52	2.72	14000	1.20	1.14	1.10
14500	8.47	8.41	8.51	0.12	27.10	26.91	35.12	2.81	14500	1.20	1.09	1.06
15000	8.39	8.34	8.47	0.13	30.62	29.38	32.21	2.82	15000	1.06	1.24	1.24
15500	8.52	8.47	8.48	0.25	25.45	24.13	30.75	3.04	15500	1.23	1.19	1.19
16000	8.46	8.39	8.57	0.18	33.38	24.89	30.22	3.14	16000	1.22	1.19	1.20
16500	8.53	8.47	8.59	0.12	26.96	33.61	30.06	3.11	16500	1.21	1.03	1.02
17000	8.53	8.47	8.62	0.16	26.30	25.08	30.32	2.89	17000	1.19	1.11	1.14
17500	8.49	8.44	8.60	0.16	32.00	26.10	30.46	3.04	17500	1.04	1.11	1.12
18000	8.58	8.52	8.56	0.23	22.36	40.46	31.36	2.75	18000	1.15	1.16	1.16
18400	8.51	8.46	8.63	0.17	25.52	29.60	31.20	2.66	18400	1.07	1.03	1.06
18800	8.58	8.53	8.69	0.19	33.81	26.26	31.64	2.48	18800	1.10	1.12	1.15
19200	8.56	8.51	8.71	0.20	22.70	26.53	32.47	2.68	19200	1.13	1.03	1.02
19600	8.64	8.58	8.72	0.17	22.78	30.80	32.85	2.78	19600	1.19	1.07	1.10
20000	8.62	8.57	8.66	0.12	32.12	37.53	33.34	2.60	20000	1.04	1.10	1.08
20400	8.64	8.59	8.63	0.13	27.98	27.39	34.31	2.30	20400	1.14	1.17	1.16
20800	8.63	8.59	8.71	0.12	24.41	25.59	35.15	2.60	20800	1.11	1.12	1.13
21200	8.65	8.60	8.75	0.15	27.34	27.82	36.64	2.09	21200	1.07	1.16	1.16
21600	8.63	8.59	8.77	0.21	34.68	33.09	37.20	2.29	21600	1.12	1.20	1.21
22000	8.61	8.57	8.79	0.26	30.97	30.12	38.17	2.37	22000	1.08	1.18	1.19
22400	8.68	8.65	8.81	0.27	28.95	27.85	40.16	2.66	22400	1.13	1.18	1.16
22800	8.64	8.60	8.81	0.25	29.25	26.73	40.15	3.12	22800	1.11	1.19	1.17
23200	8.66	8.61	8.86	0.25	33.59	27.18	39.26	2.84	23200	1.12	1.23	1.22
23600	8.73	8.69	8.90	0.21	32.47	32.44	38.03	3.06	23600	1.11	1.23	1.23
24000	8.65	8.62	8.87	0.25	27.80	31.06	37.99	3.35	24000	1.07	1.13	1.14
24400	8.70	8.68	8.81	0.23	30.63	27.28	38.11	3.66	24400	1.01	1.11	1.13
24800	8.72	8.68	8.85	0.20	34.04	29.95	36.52	4.05	24800	1.04	1.12	1.15
25200	8.75	8.72	8.83	0.20	26.46	47.17	35.60	4.59	25200	1.09	1.09	1.13
25600	8.72	8.68	8.87	0.22	27.23	33.13	36.13	5.18	25600	1.07	1.12	1.16
26000	8.78	8.77	8.96	0.25	35.23	31.01	35.74	5.79	26000	1.07	1.23	1.26
26500	8.79	8.75	8.96	0.26	25.58	32.52	34.36	6.41	26500	1.09	1.17	1.19
27000	8.82	8.81	9.00	0.26	27.69	35.65	34.17	7.34	27000	1.12	1.23	1.22
27500	8.85	8.80	9.01	0.26	34.67	32.53	34.54	7.94	27500	1.05	1.21	1.19
28000	8.82	8.79	9.03	0.27	25.24	28.33	32.95	8.86	28000	1.08	1.14	1.12
28500	8.90	8.89	9.08	0.27	30.39	31.80	33.29	9.67	28500	1.09	1.25	1.25
29000	8.88	8.85	9.13	0.32	31.67	41.03	34.55	10.68	29000	1.06	1.21	1.23
29500	8.89	8.89	9.14	0.33	26.91	29.85	34.38	11.57	29500	1.15	1.11	1.15
30000	8.93	8.91	9.24	0.35	30.83	30.37	35.30	12.61	30000	1.06	1.06	1.10

¹Total Loss = Insertion Loss + 7.8dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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ZC6PD-18263-S+
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