

4 Way-0° Power Splitter/Combiner

ZB4PD-ED17050/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹				AMP UNBAL. (dB)	ISOLATION			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
3.0	6.49	6.49	6.48	6.49	0.01	13.12	12.76	13.57	0.05	3.0	1.89	2.15	2.15	2.20	2.20
4.0	6.30	6.30	6.30	6.30	0.00	13.47	12.61	13.94	0.06	4.0	1.62	2.02	2.02	2.07	2.07
5.0	6.21	6.21	6.21	6.21	0.00	13.65	12.57	14.13	0.07	5.0	1.47	1.96	1.96	2.00	2.00
7.0	6.13	6.13	6.13	6.13	0.01	13.86	12.61	14.34	0.10	7.0	1.31	1.88	1.88	1.93	1.93
9.0	6.10	6.10	6.10	6.10	0.01	14.01	12.73	14.49	0.14	9.0	1.23	1.83	1.83	1.87	1.87
10.0	6.09	6.09	6.09	6.10	0.01	14.09	12.81	14.57	0.14	10.0	1.20	1.81	1.81	1.85	1.85
15.0	6.09	6.08	6.08	6.09	0.01	14.54	13.30	15.02	0.22	15.0	1.12	1.72	1.72	1.76	1.76
20.0	6.09	6.09	6.10	6.10	0.01	15.09	13.89	15.58	0.25	20.0	1.08	1.65	1.64	1.68	1.68
25.0	6.11	6.11	6.12	6.12	0.01	15.68	14.52	16.17	0.29	25.0	1.05	1.58	1.58	1.61	1.61
30.0	6.14	6.14	6.15	6.15	0.02	16.24	15.15	16.73	0.34	30.0	1.03	1.53	1.53	1.56	1.56
35.0	6.16	6.16	6.18	6.18	0.02	16.75	15.75	17.24	0.37	35.0	1.02	1.49	1.49	1.51	1.51
40.0	6.18	6.18	6.20	6.19	0.02	17.21	16.29	17.71	0.39	40.0	1.01	1.45	1.45	1.48	1.48
45.0	6.19	6.19	6.21	6.21	0.02	17.63	16.78	18.13	0.42	45.0	1.00	1.42	1.42	1.45	1.45
50.0	6.19	6.19	6.21	6.21	0.02	17.98	17.21	18.48	0.45	50.0	1.00	1.40	1.40	1.42	1.42
55.0	6.20	6.20	6.22	6.22	0.02	18.29	17.59	18.79	0.48	55.0	1.01	1.38	1.38	1.40	1.40
60.0	6.20	6.20	6.22	6.22	0.02	18.54	17.93	19.04	0.52	60.0	1.02	1.36	1.36	1.39	1.38
65.0	6.21	6.21	6.23	6.23	0.02	18.75	18.23	19.25	0.56	65.0	1.03	1.35	1.35	1.37	1.37
70.0	6.21	6.21	6.23	6.23	0.02	18.91	18.50	19.41	0.59	70.0	1.04	1.34	1.34	1.36	1.36
75.0	6.22	6.21	6.24	6.24	0.02	19.03	18.74	19.54	0.61	75.0	1.05	1.33	1.33	1.35	1.35
80.0	6.22	6.22	6.24	6.24	0.02	19.13	18.96	19.63	0.64	80.0	1.06	1.32	1.32	1.34	1.34
85.0	6.22	6.22	6.25	6.24	0.03	19.19	19.14	19.69	0.66	85.0	1.07	1.31	1.31	1.33	1.33
90.0	6.23	6.23	6.25	6.25	0.03	19.23	19.32	19.72	0.69	90.0	1.08	1.31	1.31	1.33	1.33
95.0	6.23	6.23	6.26	6.25	0.03	19.24	19.47	19.73	0.71	95.0	1.09	1.30	1.31	1.33	1.32
100.0	6.24	6.24	6.26	6.26	0.03	19.22	19.61	19.71	0.74	100.0	1.10	1.30	1.30	1.32	1.32
110.0	6.25	6.25	6.28	6.27	0.03	19.13	19.87	19.62	0.78	110.0	1.13	1.30	1.30	1.32	1.32
120.0	6.27	6.27	6.29	6.29	0.02	18.97	20.10	19.45	0.82	120.0	1.16	1.30	1.30	1.32	1.31
130.0	6.29	6.29	6.31	6.31	0.02	18.76	20.31	19.24	0.88	130.0	1.19	1.30	1.30	1.32	1.32
140.0	6.31	6.30	6.33	6.32	0.02	18.51	20.48	18.99	0.95	140.0	1.23	1.30	1.30	1.32	1.32
150.0	6.34	6.32	6.35	6.35	0.03	18.22	20.64	18.71	1.01	150.0	1.27	1.31	1.31	1.32	1.32
160.0	6.37	6.36	6.38	6.37	0.02	17.88	20.81	18.37	1.03	160.0	1.31	1.32	1.32	1.33	1.33
170.0	6.40	6.39	6.41	6.40	0.02	17.50	20.99	17.99	1.02	170.0	1.36	1.33	1.33	1.34	1.34
180.0	6.45	6.43	6.44	6.44	0.01	17.10	21.17	17.60	1.01	180.0	1.41	1.34	1.34	1.35	1.35
190.0	6.50	6.48	6.49	6.48	0.02	16.70	21.33	17.20	1.02	190.0	1.47	1.35	1.35	1.36	1.36
200.0	6.55	6.53	6.53	6.53	0.02	16.27	21.48	16.78	1.06	200.0	1.54	1.37	1.37	1.37	1.37
220.0	6.68	6.66	6.64	6.65	0.04	15.40	21.81	15.92	1.07	220.0	1.69	1.40	1.41	1.40	1.40
240.0	6.85	6.82	6.78	6.79	0.07	14.49	22.19	15.03	1.07	240.0	1.87	1.44	1.45	1.44	1.44
260.0	7.07	7.03	6.97	6.98	0.10	13.58	22.62	14.13	1.03	260.0	2.09	1.49	1.50	1.48	1.48
280.0	7.34	7.29	7.20	7.22	0.14	12.68	23.11	13.24	0.96	280.0	2.37	1.55	1.55	1.53	1.52
300.0	7.68	7.61	7.48	7.51	0.20	11.81	23.67	12.38	0.87	300.0	2.70	1.61	1.62	1.58	1.58

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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8/13/2014

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