

4 Way-0° Power Splitter/Combiner

ZB4PD1-500-75+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4			S	1	2	3	4
5.0	6.49	6.49	6.43	6.50	0.06	28.81	58.18	31.62	0.30	5.0	1.14	1.22	1.22	1.20	1.20
7.0	6.45	6.43	6.36	6.46	0.09	30.28	55.93	33.15	0.16	7.0	1.11	1.18	1.18	1.16	1.16
9.0	6.41	6.41	6.37	6.40	0.04	31.23	54.57	34.07	0.18	9.0	1.09	1.15	1.15	1.14	1.14
11.0	6.38	6.38	6.34	6.38	0.04	31.96	53.00	34.63	0.20	11.0	1.08	1.14	1.14	1.12	1.12
13.0	6.38	6.38	6.34	6.39	0.04	32.46	52.62	34.96	0.18	13.0	1.08	1.13	1.13	1.12	1.12
15.0	6.36	6.39	6.32	6.36	0.07	32.83	51.32	35.04	0.15	15.0	1.07	1.12	1.12	1.11	1.11
20.0	6.37	6.37	6.32	6.38	0.06	33.33	49.58	35.13	0.19	20.0	1.07	1.11	1.11	1.10	1.10
25.0	6.38	6.38	6.32	6.38	0.07	33.54	48.21	35.15	0.09	25.0	1.06	1.11	1.11	1.10	1.10
30.0	6.39	6.38	6.33	6.37	0.05	33.64	47.14	35.00	0.16	30.0	1.06	1.11	1.11	1.10	1.10
35.0	6.38	6.38	6.32	6.38	0.06	33.73	45.79	34.88	0.27	35.0	1.06	1.11	1.11	1.10	1.10
40.0	6.42	6.39	6.34	6.40	0.08	33.62	44.86	34.71	0.16	40.0	1.06	1.11	1.11	1.10	1.10
45.0	6.41	6.41	6.36	6.40	0.05	33.54	44.20	34.55	0.21	45.0	1.07	1.11	1.11	1.10	1.10
50.0	6.40	6.41	6.35	6.41	0.06	33.40	43.21	34.34	0.02	50.0	1.07	1.11	1.11	1.10	1.10
55.0	6.43	6.43	6.38	6.43	0.05	33.36	42.63	34.21	0.24	55.0	1.07	1.11	1.11	1.10	1.11
60.0	6.43	6.43	6.36	6.42	0.07	33.19	41.95	34.01	0.17	60.0	1.07	1.11	1.11	1.11	1.11
65.0	6.42	6.43	6.36	6.41	0.06	33.09	41.33	33.94	0.14	65.0	1.08	1.11	1.11	1.11	1.11
70.0	6.43	6.41	6.36	6.42	0.07	33.09	40.71	33.77	0.31	70.0	1.08	1.11	1.11	1.11	1.11
75.0	6.42	6.43	6.36	6.43	0.07	32.86	40.33	33.67	0.13	75.0	1.08	1.11	1.11	1.11	1.11
80.0	6.44	6.44	6.38	6.45	0.07	32.82	39.77	33.53	0.23	80.0	1.08	1.11	1.11	1.11	1.11
85.0	6.44	6.45	6.39	6.44	0.06	32.69	39.31	33.43	0.18	85.0	1.09	1.11	1.11	1.11	1.11
90.0	6.48	6.47	6.39	6.44	0.09	32.62	38.87	33.31	0.28	90.0	1.09	1.11	1.11	1.11	1.11
95.0	6.46	6.46	6.41	6.46	0.05	32.57	38.45	33.17	0.44	95.0	1.09	1.12	1.11	1.11	1.11
100.0	6.47	6.46	6.42	6.46	0.05	32.42	38.02	33.06	0.23	100.0	1.09	1.12	1.12	1.11	1.11
110.0	6.46	6.45	6.41	6.46	0.05	32.29	37.31	32.87	0.45	110.0	1.10	1.12	1.12	1.11	1.11
120.0	6.49	6.47	6.40	6.47	0.09	32.13	36.65	32.70	0.50	120.0	1.11	1.12	1.12	1.11	1.11
130.0	6.49	6.47	6.40	6.49	0.08	32.10	36.06	32.56	0.60	130.0	1.11	1.12	1.12	1.11	1.11
140.0	6.50	6.50	6.41	6.50	0.09	32.00	35.46	32.43	0.66	140.0	1.12	1.12	1.12	1.11	1.12
150.0	6.49	6.51	6.45	6.50	0.06	31.86	34.91	32.35	0.42	150.0	1.13	1.12	1.12	1.11	1.12
160.0	6.49	6.49	6.42	6.50	0.08	31.78	34.42	32.19	0.56	160.0	1.13	1.13	1.12	1.12	1.12
170.0	6.51	6.52	6.44	6.52	0.08	31.77	34.02	32.06	0.59	170.0	1.14	1.13	1.13	1.12	1.12
180.0	6.52	6.51	6.45	6.51	0.07	31.74	33.60	32.10	0.67	180.0	1.15	1.14	1.13	1.13	1.13
190.0	6.53	6.52	6.49	6.53	0.04	31.76	33.20	32.00	0.67	190.0	1.15	1.14	1.14	1.13	1.13
200.0	6.55	6.55	6.49	6.54	0.06	31.76	32.86	32.07	0.67	200.0	1.16	1.15	1.15	1.14	1.14
220.0	6.55	6.56	6.52	6.58	0.06	31.86	32.28	32.12	0.90	220.0	1.17	1.17	1.16	1.16	1.16
240.0	6.57	6.60	6.55	6.63	0.09	32.00	31.63	32.24	0.95	240.0	1.18	1.19	1.18	1.18	1.17
250.0	6.57	6.59	6.54	6.60	0.06	32.11	31.29	32.30	0.81	250.0	1.19	1.20	1.19	1.19	1.18
300.0	6.64	6.64	6.60	6.63	0.05	33.12	30.19	33.42	1.00	300.0	1.23	1.25	1.24	1.23	1.23
350.0	6.66	6.68	6.64	6.68	0.04	35.23	29.24	35.85	1.14	350.0	1.25	1.28	1.28	1.27	1.26
400.0	6.77	6.79	6.77	6.78	0.02	38.83	28.58	41.08	1.42	400.0	1.26	1.33	1.33	1.32	1.31
450.0	6.85	6.87	6.81	6.82	0.06	40.85	28.08	45.31	1.58	450.0	1.29	1.40	1.39	1.38	1.36
500.0	6.96	6.98	6.93	6.94	0.05	35.23	27.72	35.85	2.09	500.0	1.34	1.41	1.40	1.39	1.37

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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