

4 Way-0° Power Splitter/Combiner

ZB4PD1-500+

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	6.34	6.35	6.33	6.33	0.01	52.83	40.68	50.23	0.02	5.0	1.08	1.12	1.12	1.13	1.13
10.0	6.32	6.31	6.33	6.32	0.02	50.46	41.11	48.69	0.05	10.0	1.07	1.10	1.10	1.10	1.10
15.0	6.31	6.31	6.30	6.30	0.01	49.13	40.95	47.42	0.06	15.0	1.06	1.10	1.10	1.10	1.10
20.0	6.32	6.31	6.31	6.31	0.01	48.05	40.83	46.65	0.06	20.0	1.06	1.09	1.09	1.10	1.10
25.0	6.33	6.32	6.31	6.32	0.01	47.46	40.53	45.61	0.09	25.0	1.05	1.09	1.09	1.09	1.09
30.0	6.32	6.32	6.31	6.32	0.01	46.48	40.23	44.89	0.05	30.0	1.05	1.09	1.09	1.09	1.09
35.0	6.33	6.33	6.32	6.33	0.01	45.58	40.13	43.90	0.15	35.0	1.05	1.09	1.09	1.09	1.09
40.0	6.32	6.33	6.32	6.33	0.00	44.91	39.88	43.27	0.11	40.0	1.05	1.09	1.09	1.10	1.10
45.0	6.33	6.33	6.33	6.33	0.01	44.22	39.64	42.55	0.10	45.0	1.05	1.09	1.09	1.10	1.10
50.0	6.34	6.34	6.34	6.35	0.01	43.68	39.45	41.92	0.13	50.0	1.05	1.09	1.09	1.09	1.10
60.0	6.37	6.37	6.36	6.37	0.01	42.53	38.98	40.68	0.14	60.0	1.05	1.09	1.09	1.10	1.10
70.0	6.37	6.38	6.37	6.37	0.01	41.43	38.50	39.59	0.23	70.0	1.05	1.09	1.10	1.10	1.10
80.0	6.38	6.38	6.36	6.37	0.01	40.50	38.01	38.65	0.14	80.0	1.06	1.09	1.10	1.10	1.10
90.0	6.39	6.39	6.38	6.37	0.02	39.61	37.56	37.72	0.21	90.0	1.07	1.09	1.10	1.10	1.10
100.0	6.39	6.39	6.39	6.38	0.01	38.83	37.13	36.88	0.21	100.0	1.07	1.09	1.10	1.10	1.10
110.0	6.40	6.41	6.40	6.40	0.01	38.14	36.76	36.16	0.27	110.0	1.06	1.09	1.09	1.10	1.10
120.0	6.42	6.42	6.42	6.42	0.00	37.44	36.36	35.49	0.32	120.0	1.06	1.09	1.08	1.09	1.09
130.0	6.44	6.43	6.43	6.43	0.01	36.86	35.97	34.90	0.33	130.0	1.05	1.09	1.08	1.08	1.08
140.0	6.45	6.46	6.45	6.45	0.01	36.33	35.64	34.36	0.31	140.0	1.05	1.08	1.08	1.08	1.08
150.0	6.47	6.46	6.47	6.46	0.01	35.87	35.35	33.83	0.43	150.0	1.05	1.08	1.08	1.08	1.08
160.0	6.46	6.46	6.46	6.46	0.00	35.33	34.96	33.34	0.38	160.0	1.06	1.08	1.08	1.09	1.09
170.0	6.44	6.45	6.45	6.44	0.02	34.92	34.63	32.85	0.38	170.0	1.07	1.08	1.09	1.09	1.09
180.0	6.44	6.44	6.43	6.43	0.01	34.55	34.35	32.40	0.33	180.0	1.08	1.08	1.09	1.10	1.10
190.0	6.46	6.46	6.45	6.46	0.01	34.13	34.09	32.03	0.28	190.0	1.08	1.07	1.08	1.09	1.09
200.0	6.50	6.51	6.49	6.48	0.03	33.82	33.88	31.75	0.34	200.0	1.08	1.07	1.07	1.09	1.09
210.0	6.51	6.51	6.51	6.50	0.01	33.49	33.61	31.39	0.44	210.0	1.07	1.07	1.06	1.07	1.07
220.0	6.51	6.52	6.51	6.50	0.02	33.23	33.33	31.07	0.48	220.0	1.06	1.07	1.05	1.06	1.06
230.0	6.53	6.54	6.52	6.51	0.03	32.96	33.12	30.74	0.59	230.0	1.06	1.06	1.04	1.05	1.05
240.0	6.55	6.56	6.54	6.53	0.02	32.72	32.95	30.51	0.59	240.0	1.07	1.06	1.05	1.05	1.05
250.0	6.55	6.56	6.55	6.53	0.03	32.54	32.76	30.22	0.48	250.0	1.08	1.06	1.06	1.06	1.06
270.0	6.50	6.51	6.50	6.49	0.03	32.02	32.27	29.70	0.59	270.0	1.10	1.05	1.06	1.07	1.07
290.0	6.59	6.59	6.59	6.58	0.02	31.75	32.00	29.34	0.61	290.0	1.10	1.05	1.05	1.07	1.07
310.0	6.59	6.61	6.59	6.59	0.02	31.41	31.72	28.95	0.76	310.0	1.08	1.04	1.02	1.04	1.04
330.0	6.62	6.64	6.62	6.60	0.04	31.19	31.48	28.65	0.75	330.0	1.09	1.03	1.02	1.03	1.02
350.0	6.63	6.64	6.62	6.60	0.04	31.02	31.24	28.37	0.78	350.0	1.11	1.03	1.04	1.04	1.04
375.0	6.64	6.67	6.65	6.62	0.05	30.81	31.06	28.08	0.84	375.0	1.12	1.02	1.03	1.05	1.05
400.0	6.69	6.72	6.68	6.67	0.05	30.73	30.84	27.85	0.95	400.0	1.10	1.02	1.01	1.03	1.03
425.0	6.71	6.74	6.71	6.69	0.05	30.69	30.76	27.67	0.99	425.0	1.11	1.01	1.02	1.01	1.01
450.0	6.69	6.72	6.71	6.67	0.05	30.66	30.70	27.53	0.95	450.0	1.14	1.01	1.01	1.03	1.03
475.0	6.77	6.81	6.78	6.75	0.06	30.75	30.75	27.45	1.08	475.0	1.12	1.01	1.01	1.03	1.04
500.0	6.77	6.81	6.79	6.75	0.06	30.85	30.77	27.37	1.10	500.0	1.11	1.01	1.02	1.01	1.02

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

