

4 Way-0° Power Splitter/Combiner

ZB4PD1-ED12789/2

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
300.0	6.93	6.91	6.87	6.90	0.05	8.76	16.28	8.76	0.73	300.0	2.13	1.45	1.47	1.45	1.47
350.0	6.67	6.66	6.61	6.64	0.06	9.61	16.71	9.62	0.83	350.0	1.83	1.32	1.34	1.32	1.33
400.0	6.48	6.47	6.42	6.45	0.06	10.70	17.13	10.71	0.89	400.0	1.58	1.22	1.24	1.21	1.23
450.0	6.36	6.35	6.29	6.33	0.07	12.06	17.58	12.08	0.92	450.0	1.39	1.14	1.17	1.13	1.16
500.0	6.29	6.29	6.23	6.27	0.06	13.71	18.08	13.74	0.97	500.0	1.26	1.09	1.12	1.08	1.10
550.0	6.27	6.27	6.21	6.25	0.06	15.66	18.65	15.70	1.05	550.0	1.21	1.06	1.09	1.06	1.08
600.0	6.28	6.28	6.23	6.27	0.05	17.92	19.30	17.99	1.12	600.0	1.24	1.05	1.09	1.05	1.07
650.0	6.31	6.31	6.27	6.31	0.04	20.43	20.00	20.54	1.21	650.0	1.31	1.05	1.09	1.05	1.08
700.0	6.34	6.35	6.31	6.35	0.04	23.02	20.80	23.21	1.35	700.0	1.38	1.06	1.09	1.05	1.08
750.0	6.38	6.38	6.35	6.39	0.04	25.24	21.67	25.54	1.48	750.0	1.44	1.06	1.10	1.06	1.08
800.0	6.41	6.42	6.38	6.42	0.04	26.64	22.61	27.01	1.63	800.0	1.49	1.07	1.10	1.07	1.08
850.0	6.44	6.44	6.41	6.44	0.04	27.32	23.65	27.66	1.72	850.0	1.51	1.08	1.11	1.10	1.08
900.0	6.45	6.45	6.42	6.45	0.03	27.96	24.78	28.24	1.80	900.0	1.52	1.10	1.11	1.12	1.09
950.0	6.46	6.45	6.43	6.45	0.03	29.06	26.00	29.27	1.92	950.0	1.50	1.12	1.11	1.14	1.10
970.0	6.46	6.45	6.43	6.45	0.03	29.70	26.52	29.88	1.98	970.0	1.49	1.12	1.11	1.14	1.10
990.0	6.46	6.45	6.43	6.45	0.03	30.52	27.08	30.68	2.01	990.0	1.47	1.13	1.11	1.15	1.11
1000.0	6.45	6.45	6.43	6.44	0.03	30.99	27.36	31.14	2.03	1000.0	1.47	1.13	1.11	1.15	1.11
1100.0	6.41	6.40	6.38	6.40	0.03	38.90	30.72	39.90	2.26	1100.0	1.34	1.14	1.11	1.17	1.12
1200.0	6.35	6.33	6.32	6.34	0.03	34.41	35.70	36.11	2.45	1200.0	1.18	1.12	1.09	1.16	1.11
1300.0	6.34	6.32	6.31	6.32	0.03	29.11	48.62	30.16	2.68	1300.0	1.03	1.10	1.07	1.15	1.10
1400.0	6.37	6.35	6.33	6.35	0.04	27.43	42.00	28.48	2.87	1400.0	1.11	1.11	1.07	1.16	1.11
1500.0	6.41	6.39	6.37	6.39	0.04	27.88	35.16	29.15	3.10	1500.0	1.18	1.14	1.09	1.18	1.13
1600.0	6.49	6.42	6.48	6.47	0.06	29.87	32.68	31.60	3.42	1600.0	1.18	1.16	1.11	1.20	1.16
1700.0	6.45	6.41	6.40	6.43	0.05	32.70	31.89	34.88	3.65	1700.0	1.14	1.18	1.11	1.19	1.15
1800.0	6.45	6.42	6.40	6.41	0.05	36.00	32.44	39.17	3.82	1800.0	1.06	1.18	1.10	1.17	1.14
1900.0	6.47	6.45	6.42	6.42	0.06	36.98	33.92	42.64	3.99	1900.0	1.04	1.16	1.08	1.16	1.13
2000.0	6.50	6.49	6.44	6.44	0.06	33.13	35.62	36.16	4.13	2000.0	1.05	1.14	1.06	1.14	1.11
2020.0	6.50	6.50	6.44	6.44	0.06	32.31	35.82	34.98	4.19	2020.0	1.04	1.13	1.05	1.13	1.11
2040.0	6.51	6.50	6.45	6.44	0.07	31.54	35.96	33.91	4.18	2040.0	1.04	1.13	1.05	1.13	1.11
2050.0	6.51	6.51	6.45	6.44	0.07	31.16	35.95	33.41	4.18	2050.0	1.03	1.12	1.04	1.13	1.10
2100.0	6.52	6.52	6.47	6.45	0.08	29.54	35.51	31.34	4.30	2100.0	1.01	1.09	1.02	1.13	1.09
2150.0	6.54	6.55	6.49	6.46	0.09	28.40	34.11	29.98	4.43	2150.0	1.04	1.07	1.01	1.14	1.08
2200.0	6.57	6.58	6.52	6.47	0.11	27.57	32.23	29.01	4.41	2200.0	1.08	1.06	1.03	1.16	1.09
2250.0	6.60	6.63	6.56	6.50	0.14	26.92	30.22	28.28	4.36	2250.0	1.12	1.07	1.06	1.20	1.10
2300.0	6.64	6.70	6.62	6.52	0.17	26.28	28.17	27.50	4.31	2300.0	1.15	1.10	1.09	1.23	1.13
2350.0	6.68	6.80	6.72	6.56	0.24	25.37	26.27	26.34	4.33	2350.0	1.17	1.13	1.10	1.26	1.15
2400.0	6.76	7.02	6.93	6.63	0.38	24.18	24.61	24.77	4.57	2400.0	1.16	1.16	1.12	1.28	1.18
2450.0	6.96	7.23	7.15	6.83	0.40	22.53	24.41	22.78	6.44	2450.0	1.11	1.19	1.12	1.29	1.20
2500.0	7.16	7.17	7.16	7.04	0.13	21.08	23.80	21.18	6.45	2500.0	1.27	1.23	1.14	1.34	1.23
2550.0	7.19	7.06	7.16	7.11	0.13	19.21	22.10	19.33	6.36	2550.0	1.48	1.24	1.13	1.36	1.22
2600.0	7.18	7.00	7.13	7.14	0.18	17.68	20.88	17.78	6.45	2600.0	1.65	1.26	1.17	1.38	1.22

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

ZB4PD1-ED12789/2

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Page 1 of 1



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