

4 Way-0° Power Splitter/Combiner

ZB4PD-ED13190/4

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR (:1)				
	S1	S2	S3	S4		1-2	1-3	1-4			S	1	2	3	4
500.0	6.43	6.47	6.45	6.44	0.04	10.44	18.21	6.44	0.88	500.0	1.68	1.23	1.22	1.21	1.23
550.0	6.31	6.35	6.34	6.32	0.04	11.63	18.73	6.32	0.99	550.0	1.49	1.21	1.20	1.19	1.21
600.0	6.23	6.27	6.27	6.24	0.04	12.96	19.25	6.24	1.10	600.0	1.33	1.20	1.18	1.17	1.19
650.0	6.19	6.23	6.23	6.20	0.05	14.44	19.86	6.20	1.25	650.0	1.20	1.18	1.17	1.16	1.18
700.0	6.16	6.21	6.22	6.18	0.06	16.11	20.50	6.18	1.34	700.0	1.10	1.17	1.15	1.15	1.17
750.0	6.16	6.21	6.22	6.18	0.06	17.97	21.23	6.18	1.44	750.0	1.05	1.15	1.14	1.14	1.15
800.0	6.17	6.22	6.24	6.19	0.07	20.11	22.04	6.19	1.52	800.0	1.07	1.13	1.13	1.13	1.14
850.0	6.18	6.23	6.26	6.21	0.08	22.55	22.96	6.21	1.58	850.0	1.10	1.12	1.12	1.12	1.12
900.0	6.19	6.24	6.27	6.22	0.08	25.30	23.99	6.22	1.65	900.0	1.12	1.10	1.10	1.11	1.11
950.0	6.19	6.25	6.27	6.22	0.09	28.02	25.18	6.22	1.71	950.0	1.12	1.08	1.08	1.09	1.09
1000.0	6.19	6.26	6.27	6.22	0.08	29.50	26.54	6.22	1.77	1000.0	1.10	1.06	1.07	1.08	1.08
1050.0	6.19	6.26	6.27	6.22	0.09	28.76	28.06	6.22	1.83	1050.0	1.07	1.04	1.05	1.06	1.06
1100.0	6.19	6.26	6.27	6.22	0.08	26.89	29.89	6.22	1.92	1100.0	1.04	1.02	1.03	1.04	1.04
1150.0	6.20	6.28	6.28	6.22	0.08	25.19	31.87	6.22	2.00	1150.0	1.04	1.01	1.01	1.02	1.01
1200.0	6.21	6.29	6.29	6.23	0.09	23.80	34.26	6.23	2.09	1200.0	1.09	1.03	1.02	1.01	1.01
1250.0	6.23	6.32	6.31	6.25	0.09	22.80	36.49	6.25	2.19	1250.0	1.14	1.06	1.04	1.02	1.04
1300.0	6.25	6.35	6.33	6.27	0.09	22.14	37.73	6.27	2.29	1300.0	1.20	1.09	1.06	1.05	1.06
1350.0	6.28	6.38	6.37	6.31	0.10	21.76	37.12	6.31	2.39	1350.0	1.26	1.11	1.08	1.07	1.09
1400.0	6.31	6.41	6.40	6.33	0.10	21.68	35.49	6.33	2.48	1400.0	1.31	1.14	1.11	1.10	1.12
1450.0	6.33	6.44	6.43	6.36	0.11	21.89	33.75	6.36	2.57	1450.0	1.34	1.16	1.12	1.12	1.14
1500.0	6.35	6.47	6.46	6.38	0.12	22.37	32.27	6.38	2.65	1500.0	1.36	1.17	1.14	1.14	1.16
1550.0	6.38	6.51	6.52	6.39	0.14	23.14	30.91	6.39	2.76	1550.0	1.35	1.19	1.16	1.16	1.17
1600.0	6.39	6.50	6.52	6.45	0.13	24.45	29.27	6.45	3.12	1600.0	1.34	1.19	1.16	1.17	1.19
1650.0	6.35	6.45	6.46	6.39	0.11	26.46	28.26	6.39	2.79	1650.0	1.31	1.19	1.16	1.17	1.19
1700.0	6.32	6.42	6.43	6.35	0.11	29.03	27.59	6.35	2.98	1700.0	1.27	1.18	1.16	1.17	1.18
1750.0	6.29	6.39	6.40	6.33	0.11	32.76	27.00	6.33	3.10	1750.0	1.22	1.17	1.15	1.16	1.17
1800.0	6.27	6.37	6.38	6.31	0.11	38.25	26.59	6.31	3.20	1800.0	1.16	1.15	1.14	1.16	1.16
1850.0	6.26	6.36	6.38	6.30	0.12	43.90	26.16	6.30	3.29	1850.0	1.11	1.14	1.12	1.15	1.15
1900.0	6.25	6.35	6.37	6.30	0.12	38.19	25.89	6.30	3.38	1900.0	1.09	1.13	1.12	1.14	1.14
1950.0	6.26	6.36	6.38	6.31	0.12	34.39	25.72	6.31	3.46	1950.0	1.11	1.13	1.11	1.14	1.14
2000.0	6.27	6.37	6.39	6.33	0.12	32.28	25.61	6.33	3.52	2000.0	1.15	1.13	1.12	1.14	1.14
2050.0	6.29	6.39	6.42	6.35	0.12	31.21	25.68	6.35	3.59	2050.0	1.20	1.13	1.13	1.14	1.14
2100.0	6.31	6.41	6.43	6.37	0.12	30.35	25.75	6.37	3.66	2100.0	1.24	1.14	1.13	1.15	1.14
2150.0	6.33	6.43	6.45	6.38	0.12	29.61	25.96	6.38	3.75	2150.0	1.26	1.14	1.14	1.15	1.14
2200.0	6.34	6.44	6.46	6.39	0.12	28.62	26.23	6.39	3.83	2200.0	1.27	1.14	1.14	1.15	1.14
2250.0	6.34	6.44	6.47	6.39	0.13	27.31	26.64	6.39	3.94	2250.0	1.26	1.13	1.14	1.15	1.12
2300.0	6.34	6.44	6.46	6.39	0.13	25.90	27.08	6.39	4.05	2300.0	1.24	1.12	1.13	1.14	1.11
2350.0	6.34	6.44	6.47	6.39	0.13	24.52	27.61	6.39	4.17	2350.0	1.22	1.11	1.12	1.13	1.10
2400.0	6.33	6.43	6.47	6.38	0.14	23.37	28.15	6.38	4.30	2400.0	1.20	1.11	1.12	1.13	1.11
2450.0	6.33	6.44	6.48	6.39	0.15	22.45	28.73	6.39	4.39	2450.0	1.20	1.13	1.13	1.15	1.13
2500.0	6.34	6.45	6.50	6.40	0.16	21.88	29.11	6.40	4.52	2500.0	1.22	1.15	1.15	1.18	1.16
2550.0	6.35	6.47	6.53	6.42	0.17	21.61	29.40	6.42	4.58	2550.0	1.25	1.19	1.18	1.22	1.21
2600.0	6.37	6.49	6.55	6.44	0.18	21.74	29.27	6.44	4.66	2600.0	1.29	1.23	1.22	1.26	1.26
2650.0	6.39	6.51	6.58	6.47	0.20	22.22	29.01	6.47	4.71	2650.0	1.33	1.28	1.26	1.31	1.31
2700.0	6.40	6.54	6.60	6.49	0.20	23.21	28.36	6.49	4.74	2700.0	1.36	1.32	1.31	1.36	1.35
2750.0	6.41	6.55	6.62	6.49	0.21	24.79	27.54	6.49	4.78	2750.0	1.36	1.35	1.33	1.40	1.39
2800.0	6.42	6.56	6.63	6.50	0.21	27.29	26.57	6.50	4.80	2800.0	1.35	1.38	1.36	1.42	1.42
2850.0	6.40	6.55	6.62	6.48	0.22	31.05	25.55	6.48	4.85	2850.0	1.32	1.39	1.38	1.44	1.43
2900.0	6.41	6.56	6.62	6.47	0.21	33.66	24.61	6.47	4.88	2900.0	1.27	1.40	1.38	1.45	1.44
2950.0	6.39	6.55	6.60	6.44	0.21	29.77	23.59	6.44	4.96	2950.0	1.22	1.39	1.39	1.44	1.42
3000.0	6.40	6.55	6.61	6.45	0.20	25.37	22.66	6.45	5.03	3000.0	1.17	1.38	1.37	1.43	1.41

¹Total Loss = Insertion Loss + 6dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site ZB4PD-ED13190/4

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