

4 Way-0° Power Splitter/Combiner

ZB4PD1-ED13142/1

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
500.0	6.63	6.51	6.46	6.62	0.17	7.75	16.73	7.76	0.74	500.0	1.87	1.30	1.30	1.30	1.30
600.0	6.37	6.28	6.18	6.35	0.19	9.41	17.70	9.44	0.67	600.0	1.44	1.20	1.20	1.20	1.20
700.0	6.21	6.16	6.07	6.24	0.17	11.33	18.76	11.38	0.89	700.0	1.12	1.14	1.15	1.15	1.14
800.0	6.23	6.15	6.09	6.23	0.14	13.57	20.08	13.65	0.95	800.0	1.12	1.11	1.13	1.13	1.12
900.0	6.30	6.23	6.23	6.31	0.08	16.17	21.68	16.26	0.86	900.0	1.31	1.10	1.13	1.13	1.11
1000.0	6.36	6.32	6.39	6.39	0.07	19.15	23.59	19.21	0.97	1000.0	1.43	1.11	1.13	1.14	1.11
1100.0	6.38	6.36	6.43	6.39	0.08	22.20	25.79	22.13	0.95	1100.0	1.48	1.10	1.12	1.13	1.10
1150.0	6.37	6.34	6.40	6.38	0.07	23.51	26.83	23.34	1.20	1150.0	1.48	1.10	1.12	1.13	1.09
1200.0	6.32	6.33	6.37	6.33	0.05	24.78	28.26	24.47	1.05	1200.0	1.46	1.10	1.11	1.12	1.09
1250.0	6.33	6.28	6.35	6.34	0.07	25.68	29.64	25.35	1.06	1250.0	1.43	1.09	1.11	1.12	1.08
1300.0	6.25	6.27	6.27	6.27	0.02	26.69	31.27	26.24	1.49	1300.0	1.37	1.09	1.11	1.12	1.08
1350.0	6.26	6.26	6.30	6.27	0.04	27.75	33.75	27.33	1.12	1350.0	1.30	1.10	1.11	1.11	1.08
1400.0	6.21	6.21	6.21	6.22	0.01	28.75	35.64	28.34	1.57	1400.0	1.22	1.10	1.11	1.12	1.09
1450.0	6.21	6.25	6.24	6.21	0.04	30.36	39.11	30.02	1.32	1450.0	1.15	1.10	1.12	1.12	1.09
1500.0	6.17	6.18	6.19	6.18	0.02	32.00	43.11	31.81	1.32	1500.0	1.08	1.11	1.12	1.12	1.09
1600.0	6.16	6.20	6.20	6.17	0.04	36.83	47.99	37.38	1.39	1600.0	1.12	1.11	1.13	1.13	1.10
1700.0	6.19	6.26	6.24	6.20	0.07	44.26	39.35	47.28	1.46	1700.0	1.18	1.11	1.14	1.13	1.11
1800.0	6.22	6.30	6.30	6.23	0.08	47.11	35.87	45.26	1.37	1800.0	1.20	1.10	1.13	1.13	1.10
1850.0	6.27	6.31	6.34	6.27	0.07	40.68	35.26	39.92	1.32	1850.0	1.20	1.09	1.12	1.12	1.10
1900.0	6.26	6.35	6.33	6.26	0.10	36.87	34.44	36.51	1.24	1900.0	1.19	1.08	1.11	1.11	1.09
1950.0	6.30	6.36	6.38	6.27	0.11	33.50	34.11	33.49	1.35	1950.0	1.18	1.07	1.10	1.10	1.08
2000.0	6.29	6.39	6.35	6.27	0.12	31.18	34.40	31.28	1.26	2000.0	1.15	1.06	1.08	1.08	1.06
2050.0	6.32	6.41	6.39	6.27	0.14	29.48	34.82	29.75	1.28	2050.0	1.13	1.04	1.07	1.06	1.05
2100.0	6.33	6.43	6.38	6.28	0.15	28.23	35.74	28.60	1.10	2100.0	1.11	1.03	1.05	1.05	1.03
2150.0	6.33	6.44	6.41	6.27	0.18	27.30	37.02	27.83	1.14	2150.0	1.11	1.03	1.03	1.03	1.02
2200.0	6.37	6.48	6.43	6.30	0.18	27.02	38.54	27.73	1.10	2200.0	1.13	1.04	1.02	1.02	1.02
2250.0	6.36	6.47	6.42	6.27	0.20	27.06	41.09	27.88	1.21	2250.0	1.15	1.05	1.01	1.02	1.02
2300.0	6.33	6.48	6.45	6.29	0.19	27.47	46.16	28.43	1.15	2300.0	1.17	1.06	1.02	1.02	1.03
2350.0	6.33	6.47	6.44	6.26	0.20	28.73	55.14	29.74	1.20	2350.0	1.16	1.07	1.02	1.02	1.04
2400.0	6.29	6.46	6.44	6.27	0.19	30.76	45.67	31.73	1.13	2400.0	1.14	1.07	1.02	1.02	1.04
2450.0	6.26	6.45	6.43	6.24	0.21	33.02	41.22	33.30	1.05	2450.0	1.11	1.06	1.02	1.02	1.04
2500.0	6.29	6.46	6.44	6.27	0.19	35.84	36.47	34.34	1.01	2500.0	1.08	1.05	1.02	1.03	1.03
2600.0	6.29	6.50	6.45	6.26	0.24	28.87	31.54	28.04	0.92	2600.0	1.17	1.03	1.05	1.06	1.01
2650.0	6.27	6.52	6.53	6.30	0.26	25.71	29.62	25.40	0.62	2650.0	1.29	1.05	1.08	1.09	1.03
2700.0	6.40	6.62	6.54	6.36	0.25	23.10	28.07	22.91	1.11	2700.0	1.44	1.08	1.12	1.12	1.05
2750.0	6.38	6.70	6.68	6.41	0.32	21.13	26.73	21.19	0.61	2750.0	1.59	1.11	1.15	1.15	1.08
2800.0	6.60	6.80	6.69	6.52	0.28	19.63	25.55	19.62	1.07	2800.0	1.77	1.15	1.18	1.18	1.11

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
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