

8 Way-0° Power Splitter/Combiner

ZB8PD-4+

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	S-6	S-8		1-2	1-7	3-4	5-7			S	1	8
2000.0	9.42	9.43	9.46	9.46	9.42	9.38	0.09	23.18	46.51	23.53	31.46	2.54	2000.0	1.11	1.09	1.07
2055.0	9.39	9.42	9.48	9.47	9.41	9.34	0.13	23.86	45.96	24.39	31.06	2.55	2055.0	1.15	1.11	1.08
2110.0	9.42	9.46	9.51	9.54	9.47	9.38	0.16	24.74	45.55	25.33	30.44	2.82	2110.0	1.23	1.14	1.13
2165.0	9.55	9.61	9.63	9.65	9.57	9.50	0.15	26.11	45.63	26.54	29.75	2.91	2165.0	1.28	1.17	1.17
2220.0	9.56	9.63	9.60	9.60	9.58	9.50	0.13	28.18	45.22	28.06	29.20	3.09	2220.0	1.30	1.18	1.17
2275.0	9.50	9.56	9.56	9.54	9.52	9.45	0.11	30.11	44.20	29.64	28.56	2.74	2275.0	1.26	1.17	1.16
2330.0	9.56	9.61	9.62	9.58	9.58	9.49	0.12	30.94	43.40	30.62	28.15	2.66	2330.0	1.21	1.15	1.14
2385.0	9.44	9.51	9.53	9.49	9.48	9.38	0.14	29.15	42.87	29.43	27.71	2.61	2385.0	1.13	1.11	1.10
2440.0	9.47	9.52	9.54	9.53	9.53	9.41	0.14	26.77	42.68	27.26	27.73	2.60	2440.0	1.07	1.09	1.08
2495.0	9.46	9.53	9.54	9.50	9.50	9.41	0.13	24.79	42.42	25.32	27.93	2.66	2495.0	1.14	1.10	1.09
2550.0	9.52	9.58	9.61	9.57	9.55	9.45	0.17	23.71	42.08	24.24	28.68	2.54	2550.0	1.24	1.12	1.10
2605.0	9.47	9.53	9.57	9.50	9.52	9.41	0.16	23.17	41.46	23.65	29.72	2.63	2605.0	1.34	1.16	1.15
2660.0	9.74	9.80	9.84	9.76	9.77	9.69	0.14	23.65	41.12	24.04	31.45	2.51	2660.0	1.46	1.17	1.17
2715.0	9.51	9.56	9.61	9.53	9.58	9.45	0.16	24.27	41.71	24.57	32.76	2.73	2715.0	1.43	1.18	1.15
2770.0	9.66	9.72	9.75	9.70	9.73	9.62	0.13	25.42	43.53	25.63	34.75	2.74	2770.0	1.44	1.17	1.17
2825.0	9.56	9.64	9.66	9.58	9.63	9.50	0.16	27.27	44.85	27.45	38.37	3.01	2825.0	1.35	1.17	1.15
2880.0	9.58	9.67	9.67	9.62	9.65	9.52	0.15	30.34	45.43	30.61	45.63	3.08	2880.0	1.27	1.14	1.13
2935.0	9.47	9.57	9.57	9.51	9.56	9.40	0.18	34.24	46.01	35.03	48.65	3.16	2935.0	1.15	1.11	1.10
2990.0	9.50	9.61	9.61	9.56	9.58	9.43	0.18	36.12	47.11	37.60	40.60	3.33	2990.0	1.03	1.09	1.07
3045.0	9.50	9.59	9.63	9.56	9.59	9.39	0.25	33.87	48.09	34.38	36.67	3.32	3045.0	1.03	1.09	1.08
3100.0	9.57	9.64	9.71	9.65	9.66	9.47	0.24	31.78	49.46	31.63	34.44	3.33	3100.0	1.16	1.10	1.09
3155.0	9.61	9.71	9.78	9.69	9.73	9.50	0.28	30.72	49.54	30.09	33.08	3.53	3155.0	1.22	1.12	1.11
3210.0	9.62	9.75	9.83	9.74	9.77	9.54	0.29	30.45	47.51	29.42	32.25	3.43	3210.0	1.29	1.14	1.11
3265.0	9.74	9.91	9.99	9.84	9.96	9.64	0.34	31.11	44.09	29.39	31.98	3.59	3265.0	1.36	1.15	1.13
3320.0	10.02	10.22	10.27	10.03	10.22	9.89	0.38	32.16	41.63	29.51	31.72	3.75	3320.0	1.44	1.15	1.15
3375.0	9.89	10.01	10.05	9.89	9.99	9.74	0.31	31.40	42.95	29.02	30.79	3.67	3375.0	1.42	1.15	1.14
3430.0	9.72	9.84	9.90	9.76	9.84	9.60	0.29	29.80	44.85	28.39	30.42	3.60	3430.0	1.36	1.15	1.13
3485.0	9.82	9.93	9.99	9.91	9.92	9.68	0.32	28.00	46.30	27.57	30.41	3.71	3485.0	1.37	1.12	1.13
3540.0	9.71	9.83	9.90	9.77	9.83	9.57	0.33	26.21	47.65	26.48	30.36	3.73	3540.0	1.32	1.10	1.10
3595.0	9.69	9.79	9.89	9.76	9.79	9.53	0.36	24.83	49.26	25.60	30.44	3.70	3595.0	1.28	1.05	1.05
3650.0	9.70	9.81	9.90	9.77	9.82	9.57	0.33	23.97	50.89	25.03	30.42	4.02	3650.0	1.25	1.02	1.03
3705.0	9.67	9.75	9.88	9.74	9.79	9.52	0.35	23.67	52.79	24.92	30.35	3.67	3705.0	1.23	1.04	1.02
3760.0	9.68	9.78	9.88	9.74	9.78	9.52	0.36	24.05	54.82	25.51	30.14	4.03	3760.0	1.25	1.08	1.05
3815.0	9.74	9.81	9.90	9.77	9.84	9.56	0.35	25.18	55.65	26.99	29.84	4.16	3815.0	1.27	1.14	1.11
3870.0	9.76	9.86	9.93	9.81	9.88	9.61	0.33	27.31	55.85	29.96	29.31	4.01	3870.0	1.30	1.17	1.15
3925.0	9.72	9.82	9.92	9.77	9.84	9.54	0.38	31.45	54.73	36.44	29.05	4.07	3925.0	1.38	1.20	1.15
3980.0	9.79	9.89	9.96	9.85	9.88	9.60	0.36	39.55	50.61	50.31	28.62	4.17	3980.0	1.37	1.21	1.20
4035.0	9.74	9.83	9.93	9.79	9.84	9.56	0.36	41.85	47.41	38.82	28.54	4.27	4035.0	1.33	1.21	1.19
4090.0	9.68	9.79	9.85	9.72	9.75	9.50	0.35	33.25	44.11	33.20	28.82	4.15	4090.0	1.28	1.20	1.17
4145.0	9.71	9.83	9.89	9.73	9.79	9.54	0.35	29.89	41.39	30.79	29.38	4.30	4145.0	1.18	1.16	1.15
4200.0	9.75	9.88	9.93	9.81	9.85	9.59	0.34	28.72	39.55	30.49	30.38	4.49	4200.0	1.08	1.17	1.14

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

