

8 Way-0° Power Splitter/Combiner

ZB8PD1-ED13143/1

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	S-6	S-8		1-2	5-6	6-7	7-8			S	1	8
400.0	9.31	9.27	9.18	9.20	9.26	9.36	0.18	6.65	6.66	6.71	6.63	0.86	400.0	1.23	1.38	1.36
500.0	9.45	9.36	9.25	9.34	9.42	9.47	0.22	8.54	8.51	8.60	8.51	1.16	500.0	1.46	1.28	1.25
600.0	9.68	9.63	9.48	9.63	9.64	9.71	0.23	10.46	10.38	10.41	10.44	1.04	600.0	1.80	1.24	1.21
700.0	9.62	9.59	9.48	9.59	9.55	9.64	0.16	11.88	11.83	11.71	11.87	0.85	700.0	1.71	1.18	1.14
800.0	9.53	9.49	9.42	9.47	9.46	9.52	0.11	14.09	14.06	13.90	14.08	0.83	800.0	1.52	1.13	1.10
900.0	9.67	9.65	9.63	9.62	9.62	9.66	0.06	17.98	17.81	18.13	17.96	0.80	900.0	1.74	1.16	1.14
1000.0	10.00	9.98	10.02	9.98	9.95	9.98	0.06	23.06	22.96	23.57	23.01	0.74	1000.0	2.12	1.22	1.18
1100.0	10.14	10.11	10.18	10.12	10.13	10.11	0.08	23.42	24.07	23.28	23.46	0.66	1100.0	2.31	1.23	1.20
1150.0	10.08	10.06	10.11	10.06	10.08	10.04	0.08	22.27	22.85	22.18	22.34	1.01	1150.0	2.26	1.22	1.19
1200.0	9.93	9.96	9.99	9.91	9.97	9.95	0.08	21.56	22.01	21.65	21.67	0.99	1200.0	2.11	1.21	1.18
1250.0	9.82	9.77	9.85	9.83	9.84	9.76	0.09	21.33	21.78	21.84	21.47	0.92	1250.0	1.90	1.19	1.17
1300.0	9.57	9.59	9.61	9.61	9.61	9.59	0.05	21.70	22.03	22.64	21.88	1.45	1300.0	1.67	1.17	1.15
1350.0	9.49	9.51	9.56	9.52	9.56	9.50	0.07	22.74	23.10	24.19	22.96	1.13	1350.0	1.47	1.15	1.13
1400.0	9.34	9.35	9.38	9.41	9.37	9.34	0.07	24.31	24.77	26.09	24.56	1.28	1400.0	1.30	1.13	1.11
1450.0	9.34	9.39	9.40	9.38	9.40	9.38	0.06	26.63	27.22	28.21	26.97	1.28	1450.0	1.17	1.11	1.10
1500.0	9.31	9.32	9.38	9.35	9.35	9.31	0.07	29.67	30.40	29.94	30.18	0.99	1500.0	1.06	1.09	1.08
1600.0	9.35	9.38	9.44	9.37	9.41	9.35	0.09	37.34	36.82	32.71	39.00	1.16	1600.0	1.13	1.08	1.07
1700.0	9.37	9.43	9.46	9.38	9.44	9.38	0.09	38.81	37.07	37.75	40.70	1.36	1700.0	1.17	1.09	1.08
1800.0	9.37	9.43	9.48	9.40	9.48	9.38	0.11	39.87	38.47	46.14	42.11	1.18	1800.0	1.12	1.09	1.09
1850.0	9.40	9.43	9.49	9.44	9.50	9.38	0.12	38.78	37.66	45.97	40.10	1.22	1850.0	1.11	1.08	1.08
1900.0	9.38	9.44	9.48	9.43	9.51	9.38	0.13	36.25	35.19	42.25	36.74	1.00	1900.0	1.11	1.07	1.07
1950.0	9.40	9.44	9.51	9.46	9.54	9.38	0.16	33.68	32.92	37.91	33.85	1.03	1950.0	1.10	1.05	1.05
2000.0	9.39	9.47	9.52	9.47	9.56	9.40	0.16	31.77	31.17	34.25	31.87	0.86	2000.0	1.09	1.03	1.04
2050.0	9.40	9.48	9.56	9.48	9.59	9.39	0.20	30.78	30.20	31.59	30.90	1.00	2050.0	1.08	1.01	1.02
2100.0	9.42	9.52	9.60	9.54	9.63	9.41	0.21	30.59	29.96	29.93	30.76	0.85	2100.0	1.10	1.01	1.01
2150.0	9.40	9.53	9.63	9.54	9.65	9.39	0.26	31.07	30.44	29.23	31.32	1.12	2150.0	1.09	1.02	1.02
2200.0	9.46	9.59	9.68	9.62	9.70	9.43	0.27	32.13	31.61	29.63	32.46	1.09	2200.0	1.08	1.03	1.02
2250.0	9.44	9.60	9.65	9.58	9.66	9.43	0.23	33.02	33.22	31.25	33.24	1.46	2250.0	1.06	1.03	1.02
2300.0	9.44	9.60	9.67	9.56	9.68	9.43	0.25	32.80	34.36	34.50	32.65	1.22	2300.0	1.05	1.03	1.03
2350.0	9.45	9.59	9.62	9.54	9.64	9.43	0.21	31.06	32.97	35.96	30.66	1.11	2350.0	1.04	1.04	1.03
2400.0	9.41	9.57	9.67	9.52	9.67	9.42	0.27	29.03	30.62	31.94	28.59	1.15	2400.0	1.08	1.05	1.05
2450.0	9.44	9.59	9.66	9.54	9.70	9.43	0.27	27.64	28.75	28.18	27.24	0.91	2450.0	1.12	1.07	1.07
2500.0	9.43	9.60	9.68	9.53	9.70	9.44	0.27	26.46	27.10	25.69	26.23	1.13	2500.0	1.15	1.09	1.09
2600.0	9.53	9.70	9.75	9.52	9.78	9.47	0.31	23.48	23.23	22.46	23.45	1.40	2600.0	1.24	1.13	1.12
2650.0	9.48	9.70	9.85	9.49	9.82	9.49	0.37	21.60	21.15	20.91	21.53	0.94	2650.0	1.27	1.16	1.15
2700.0	9.65	9.77	9.88	9.60	9.89	9.48	0.41	19.66	19.03	19.14	19.70	2.67	2700.0	1.31	1.19	1.18
2750.0	9.63	9.99	10.15	9.69	10.02	9.66	0.53	17.96	17.44	17.51	18.03	1.47	2750.0	1.47	1.24	1.23
2800.0	10.00	10.08	10.17	10.09	10.12	9.78	0.39	16.46	15.85	15.85	16.50	3.76	2800.0	1.85	1.30	1.29

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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