

8 Way-0° Power Splitter/Combiner

ZB8PD-ED10586/1

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	1-8	2-4	6-8			S	1	8
1500.0	10.06	10.05	10.20	10.01	10.08	10.01	0.20	24.59	55.11	21.25	21.12	0.81	1500.0	1.94	1.23	1.24
1535.0	9.91	9.90	10.06	9.86	9.94	9.87	0.20	25.57	62.51	21.72	21.61	0.86	1535.0	1.84	1.22	1.24
1570.0	9.84	9.84	10.00	9.80	9.89	9.82	0.20	26.91	55.06	22.32	22.21	0.81	1570.0	1.74	1.21	1.22
1605.0	9.73	9.72	9.90	9.69	9.79	9.71	0.20	28.49	49.55	22.95	22.87	0.76	1605.0	1.65	1.20	1.22
1640.0	9.67	9.66	9.83	9.62	9.73	9.65	0.21	30.51	45.93	23.69	23.58	0.74	1640.0	1.57	1.19	1.20
1675.0	9.61	9.60	9.78	9.57	9.68	9.60	0.21	32.78	43.71	24.47	24.40	0.66	1675.0	1.48	1.17	1.19
1710.0	9.56	9.56	9.74	9.53	9.64	9.57	0.21	34.75	41.74	25.42	25.34	0.69	1710.0	1.40	1.16	1.18
1745.0	9.53	9.52	9.70	9.49	9.61	9.53	0.21	35.32	40.52	26.52	26.43	0.65	1745.0	1.31	1.15	1.18
1780.0	9.46	9.46	9.64	9.42	9.54	9.48	0.21	34.37	39.59	27.71	27.59	0.61	1780.0	1.24	1.14	1.17
1815.0	9.48	9.49	9.66	9.45	9.57	9.50	0.21	32.98	39.04	29.24	29.08	0.66	1815.0	1.17	1.14	1.17
1850.0	9.44	9.43	9.61	9.40	9.52	9.44	0.22	31.83	38.56	30.91	30.74	0.61	1850.0	1.10	1.14	1.17
1875.0	9.42	9.42	9.59	9.38	9.51	9.44	0.21	31.33	38.45	32.45	32.16	0.65	1875.0	1.06	1.14	1.17
1900.0	9.47	9.48	9.65	9.44	9.57	9.49	0.21	31.11	38.47	34.22	33.87	0.63	1900.0	1.04	1.14	1.18
1920.0	9.47	9.47	9.65	9.43	9.56	9.48	0.22	31.16	38.45	35.87	35.36	0.62	1920.0	1.05	1.14	1.18
1940.0	9.46	9.46	9.64	9.42	9.55	9.46	0.22	31.28	38.63	37.80	37.15	0.66	1940.0	1.07	1.14	1.17
1960.0	9.45	9.45	9.63	9.41	9.53	9.46	0.22	31.63	38.64	40.19	39.11	0.67	1960.0	1.09	1.14	1.17
1980.0	9.46	9.46	9.64	9.42	9.55	9.47	0.22	32.34	38.88	43.35	41.54	0.67	1980.0	1.11	1.14	1.17
2000.0	9.48	9.48	9.66	9.44	9.57	9.49	0.22	33.10	39.31	48.55	44.91	0.73	2000.0	1.13	1.14	1.17
2016.0	9.50	9.50	9.69	9.47	9.59	9.51	0.22	34.04	39.52	54.41	47.44	0.78	2016.0	1.15	1.13	1.17
2032.0	9.51	9.51	9.70	9.49	9.60	9.52	0.21	35.17	39.88	56.67	48.81	0.72	2032.0	1.16	1.13	1.16
2048.0	9.51	9.51	9.71	9.49	9.61	9.52	0.22	36.52	40.10	50.66	48.74	0.80	2048.0	1.18	1.12	1.15
2064.0	9.50	9.51	9.69	9.48	9.60	9.50	0.21	38.62	40.38	46.48	46.12	0.80	2064.0	1.19	1.12	1.15
2080.0	9.49	9.49	9.68	9.47	9.59	9.49	0.21	41.00	40.60	43.78	44.55	0.85	2080.0	1.19	1.11	1.14
2098.0	9.49	9.50	9.69	9.47	9.59	9.50	0.21	45.58	41.12	41.57	42.58	0.88	2098.0	1.20	1.11	1.14
2116.0	9.52	9.54	9.73	9.52	9.63	9.53	0.21	52.07	41.44	40.19	41.11	0.89	2116.0	1.21	1.10	1.13
2134.0	9.53	9.56	9.75	9.56	9.66	9.55	0.22	47.90	41.88	38.94	40.04	0.97	2134.0	1.21	1.10	1.12
2152.0	9.53	9.55	9.75	9.55	9.67	9.54	0.22	42.33	42.26	37.94	39.07	1.01	2152.0	1.21	1.09	1.11
2170.0	9.50	9.52	9.72	9.51	9.63	9.51	0.23	38.68	42.70	37.23	38.35	1.10	2170.0	1.21	1.08	1.10
2197.0	9.52	9.55	9.75	9.55	9.66	9.54	0.24	35.27	43.37	36.29	37.46	1.09	2197.0	1.21	1.08	1.09
2224.0	9.54	9.59	9.81	9.62	9.71	9.56	0.27	32.92	44.01	35.49	36.80	1.25	2224.0	1.20	1.07	1.08
2251.0	9.54	9.59	9.79	9.61	9.71	9.55	0.25	31.16	44.79	34.88	36.28	1.37	2251.0	1.19	1.07	1.07
2278.0	9.56	9.62	9.81	9.63	9.73	9.57	0.25	29.93	45.45	34.18	35.63	1.36	2278.0	1.18	1.07	1.07
2305.0	9.59	9.67	9.85	9.68	9.75	9.59	0.26	29.03	46.44	33.60	35.02	1.42	2305.0	1.17	1.07	1.06
2332.0	9.59	9.67	9.83	9.67	9.75	9.61	0.24	28.19	48.24	32.91	34.31	1.38	2332.0	1.15	1.07	1.06
2359.0	9.60	9.68	9.83	9.66	9.75	9.61	0.22	27.54	49.97	32.14	33.48	1.27	2359.0	1.15	1.08	1.07
2386.0	9.63	9.69	9.86	9.69	9.78	9.63	0.23	27.07	51.76	31.50	32.62	1.17	2386.0	1.15	1.09	1.07
2413.0	9.61	9.68	9.86	9.68	9.78	9.61	0.25	26.67	51.15	30.54	31.57	1.12	2413.0	1.17	1.09	1.07
2440.0	9.62	9.68	9.87	9.69	9.80	9.61	0.26	26.41	49.31	29.62	30.47	1.13	2440.0	1.19	1.10	1.08
2460.0	9.64	9.69	9.90	9.71	9.82	9.63	0.27	26.21	47.61	28.87	29.62	1.11	2460.0	1.21	1.10	1.09
2480.0	9.65	9.70	9.92	9.73	9.84	9.63	0.29	25.96	46.45	28.18	28.82	1.07	2480.0	1.24	1.11	1.09
2500.0	9.68	9.73	9.97	9.77	9.88	9.65	0.32	25.70	45.15	27.47	28.00	1.06	2500.0	1.28	1.12	1.10

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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