

8 Way-0° Power Splitter/Combiner

ZB8PD-ED10257/2

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
810.0	9.65	9.90	9.85	9.85	9.88	9.65	0.32	24.91	29.05	22.12	21.62	1.89	810.0	1.91	1.22	1.24
820.0	9.60	9.85	9.81	9.53	9.82	9.59	0.31	25.37	29.28	22.39	21.86	1.95	820.0	1.83	1.22	1.24
830.0	9.55	9.80	9.76	9.49	9.78	9.55	0.32	25.83	29.52	22.67	22.13	1.93	830.0	1.76	1.22	1.24
840.0	9.51	9.77	9.73	9.46	9.75	9.51	0.31	26.28	29.78	22.98	22.41	1.98	840.0	1.69	1.22	1.23
850.0	9.49	9.74	9.71	9.44	9.72	9.48	0.30	26.71	30.04	23.30	22.70	2.02	850.0	1.62	1.22	1.23
860.0	9.45	9.71	9.68	9.41	9.69	9.45	0.30	27.11	30.33	23.62	23.00	2.07	860.0	1.56	1.22	1.23
870.0	9.42	9.67	9.65	9.39	9.66	9.42	0.29	27.48	30.61	23.96	23.31	2.09	870.0	1.50	1.22	1.24
880.0	9.38	9.63	9.61	9.35	9.61	9.38	0.28	27.81	30.90	24.30	23.63	2.10	880.0	1.45	1.22	1.24
890.0	9.35	9.59	9.57	9.32	9.58	9.35	0.27	28.11	31.19	24.65	23.96	2.09	890.0	1.39	1.23	1.24
900.0	9.32	9.57	9.55	9.30	9.55	9.32	0.27	28.38	31.49	25.01	24.30	2.08	900.0	1.35	1.23	1.25
1000.0	9.28	9.52	9.51	9.26	9.49	9.26	0.26	30.26	35.09	28.34	27.53	2.38	1000.0	1.06	1.25	1.27
1100.0	9.35	9.58	9.55	9.30	9.54	9.33	0.27	30.18	40.40	29.10	28.70	2.69	1100.0	1.18	1.23	1.23
1200.0	9.43	9.64	9.59	9.35	9.60	9.43	0.29	28.00	48.89	29.02	28.99	2.95	1200.0	1.21	1.18	1.17
1300.0	9.48	9.66	9.60	9.39	9.63	9.50	0.27	26.53	42.91	30.03	30.28	3.28	1300.0	1.19	1.16	1.13
1400.0	9.47	9.59	9.56	9.41	9.58	9.49	0.18	25.18	38.97	31.29	31.57	3.67	1400.0	1.08	1.18	1.15
1500.0	9.53	9.60	9.59	9.51	9.60	9.55	0.10	23.91	37.82	30.00	29.77	3.92	1500.0	1.22	1.21	1.21
1550.0	9.58	9.64	9.63	9.57	9.62	9.59	0.07	23.75	37.61	28.64	28.19	4.01	1550.0	1.33	1.22	1.23
1600.0	9.62	9.64	9.63	9.61	9.62	9.61	0.03	24.17	37.45	27.39	26.83	4.14	1600.0	1.37	1.20	1.22
1650.0	9.61	9.59	9.58	9.60	9.57	9.58	0.07	25.33	37.32	26.46	25.80	4.26	1650.0	1.38	1.16	1.19
1700.0	9.61	9.56	9.53	9.61	9.54	9.59	0.12	27.56	37.40	25.96	25.21	4.32	1700.0	1.29	1.10	1.14
1750.0	9.60	9.51	9.49	9.61	9.51	9.60	0.17	31.01	37.71	25.92	25.07	4.36	1750.0	1.23	1.08	1.09
1800.0	9.64	9.51	9.48	9.65	9.53	9.65	0.23	34.10	38.28	26.46	25.47	4.34	1800.0	1.20	1.08	1.07
1850.0	9.69	9.53	9.52	9.73	9.55	9.71	0.26	32.41	38.89	27.61	26.47	4.48	1850.0	1.29	1.13	1.14
1900.0	9.73	9.54	9.52	9.78	9.55	9.74	0.31	29.91	39.11	29.61	28.23	4.44	1900.0	1.34	1.14	1.15
1950.0	9.76	9.55	9.54	9.82	9.54	9.76	0.34	28.94	38.69	32.51	30.95	4.21	1950.0	1.34	1.15	1.18
2000.0	9.76	9.53	9.52	9.81	9.52	9.76	0.36	29.75	37.69	34.60	34.02	3.91	2000.0	1.22	1.11	1.15
2050.0	9.75	9.52	9.49	9.77	9.52	9.76	0.37	33.10	36.12	32.12	33.43	3.68	2050.0	1.07	1.07	1.12
2100.0	9.79	9.57	9.53	9.78	9.58	9.81	0.37	37.72	34.28	28.48	29.67	3.97	2100.0	1.15	1.10	1.10
2150.0	9.87	9.66	9.63	9.86	9.68	9.87	0.39	30.38	32.46	25.75	26.57	4.40	2150.0	1.33	1.14	1.10
2175.0	9.91	9.72	9.70	9.91	9.73	9.89	0.40	27.23	31.66	24.72	25.39	4.65	2175.0	1.43	1.18	1.15
2200.0	9.95	9.77	9.76	9.97	9.76	9.90	0.42	24.80	30.94	23.86	24.42	4.86	2200.0	1.52	1.22	1.20
2225.0	9.97	9.78	9.78	10.00	9.75	9.89	0.44	22.88	30.28	23.15	23.61	4.99	2225.0	1.54	1.24	1.22
2250.0	9.99	9.81	9.82	10.02	9.76	9.88	0.42	21.37	29.65	22.56	22.94	5.20	2250.0	1.49	1.24	1.22
2275.0	9.96	9.79	9.82	10.01	9.72	9.85	0.40	20.14	29.03	22.06	22.34	5.63	2275.0	1.44	1.25	1.25
2300.0	9.96	9.78	9.83	10.05	9.71	9.86	0.43	19.12	28.49	21.58	21.76	6.16	2300.0	1.39	1.27	1.28
2325.0	9.98	9.79	9.88	10.13	9.74	9.90	0.49	18.27	28.12	21.05	21.18	6.54	2325.0	1.32	1.27	1.28
2350.0	9.98	9.79	9.93	10.22	9.79	9.94	0.53	17.53	27.87	20.46	20.55	6.77	2350.0	1.34	1.24	1.26
2375.0	10.05	9.85	10.04	10.37	9.92	10.07	0.55	16.80	27.72	19.79	19.83	6.84	2375.0	1.48	1.23	1.26
2400.0	10.16	9.94	10.16	10.55	10.11	10.27	0.62	16.08	27.68	19.04	19.04	6.69	2400.0	1.67	1.24	1.28
2425.0	10.32	10.06	10.32	10.76	10.34	10.52	0.70	15.33	27.70	18.29	18.24	6.45	2425.0	1.94	1.23	1.28
2450.0	10.55	10.27	10.55	11.02	10.67	10.86	0.81	14.57	27.78	17.55	17.44	6.27	2450.0	2.40	1.21	1.25

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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