

8 Way-0° Power Splitter/Combiner

ZB8PD-ED10690/1

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
700.0	9.95	10.01	10.05	10.01	10.06	9.95	0.23	16.32	26.71	21.09	20.96	2.24	700.0	2.15	1.21	1.22
720.0	9.78	9.86	9.92	9.87	9.91	9.80	0.26	17.33	27.20	21.52	21.36	2.34	720.0	1.95	1.19	1.19
740.0	9.64	9.73	9.80	9.75	9.80	9.67	0.29	18.39	27.74	22.05	21.85	2.34	740.0	1.77	1.16	1.17
760.0	9.54	9.64	9.72	9.67	9.73	9.57	0.29	19.49	28.41	22.67	22.46	2.40	760.0	1.61	1.14	1.14
780.0	9.45	9.56	9.65	9.59	9.67	9.49	0.31	20.60	29.10	23.43	23.20	2.42	780.0	1.49	1.12	1.12
800.0	9.38	9.49	9.59	9.54	9.60	9.44	0.32	21.72	29.88	24.37	24.12	2.53	800.0	1.39	1.10	1.10
820.0	9.33	9.44	9.54	9.49	9.56	9.39	0.32	22.88	30.75	25.56	25.27	2.43	820.0	1.32	1.08	1.08
840.0	9.30	9.44	9.55	9.49	9.56	9.36	0.34	24.20	31.75	27.12	26.76	2.30	840.0	1.26	1.06	1.06
860.0	9.28	9.43	9.57	9.48	9.57	9.35	0.35	25.74	32.79	29.09	28.68	2.38	860.0	1.20	1.05	1.05
869.0	9.28	9.43	9.58	9.49	9.57	9.36	0.36	26.56	33.29	30.21	29.74	2.45	869.0	1.18	1.04	1.04
874.0	9.28	9.42	9.58	9.48	9.56	9.35	0.35	27.02	33.55	30.88	30.35	2.42	874.0	1.17	1.04	1.04
876.0	9.28	9.42	9.58	9.48	9.58	9.35	0.36	27.22	33.68	31.18	30.63	2.57	876.0	1.16	1.04	1.04
878.0	9.27	9.41	9.58	9.48	9.57	9.35	0.36	27.43	33.79	31.45	30.91	2.48	878.0	1.16	1.04	1.04
880.0	9.26	9.41	9.56	9.48	9.56	9.35	0.36	27.64	33.89	31.77	31.17	2.52	880.0	1.15	1.04	1.04
882.0	9.27	9.40	9.56	9.48	9.56	9.34	0.36	27.83	34.01	32.09	31.47	2.51	882.0	1.15	1.04	1.04
884.0	9.27	9.41	9.58	9.48	9.57	9.35	0.35	28.05	34.09	32.44	31.78	2.54	884.0	1.14	1.04	1.03
886.0	9.26	9.40	9.57	9.47	9.55	9.34	0.36	28.26	34.25	32.74	32.07	2.61	886.0	1.13	1.03	1.03
888.0	9.26	9.40	9.57	9.47	9.56	9.35	0.35	28.49	34.34	33.09	32.39	2.50	888.0	1.13	1.03	1.03
890.0	9.27	9.41	9.56	9.47	9.55	9.35	0.37	28.71	34.46	33.46	32.69	2.53	890.0	1.12	1.03	1.03
892.0	9.25	9.39	9.56	9.48	9.55	9.35	0.37	28.92	34.56	33.87	33.05	2.48	892.0	1.12	1.03	1.03
894.0	9.26	9.40	9.55	9.48	9.55	9.34	0.36	29.13	34.69	34.28	33.39	2.52	894.0	1.11	1.03	1.03
900.0	9.26	9.40	9.55	9.48	9.55	9.34	0.36	29.76	35.04	35.58	34.49	2.45	900.0	1.10	1.03	1.02
910.0	9.26	9.40	9.56	9.49	9.55	9.35	0.35	30.67	35.51	38.09	36.44	2.28	910.0	1.08	1.03	1.02
920.0	9.26	9.43	9.57	9.50	9.57	9.36	0.38	31.08	36.04	40.66	38.10	2.16	920.0	1.08	1.03	1.01
930.0	9.28	9.45	9.63	9.53	9.61	9.38	0.38	30.73	36.47	41.85	38.74	2.06	930.0	1.10	1.04	1.02
940.0	9.30	9.49	9.67	9.56	9.65	9.39	0.37	29.69	36.80	40.29	37.73	2.07	940.0	1.15	1.05	1.03
950.0	9.33	9.51	9.72	9.58	9.69	9.41	0.39	28.21	36.95	37.60	35.95	2.13	950.0	1.21	1.07	1.05
960.0	9.34	9.53	9.74	9.60	9.71	9.42	0.40	26.63	37.06	35.23	34.05	2.20	960.0	1.29	1.09	1.07
970.0	9.36	9.55	9.77	9.63	9.72	9.44	0.41	25.11	36.91	33.29	32.37	2.40	970.0	1.38	1.11	1.08
980.0	9.38	9.57	9.79	9.65	9.75	9.47	0.41	23.70	36.75	31.70	30.93	2.34	980.0	1.48	1.13	1.11
990.0	9.44	9.64	9.86	9.73	9.81	9.54	0.42	22.46	36.43	30.42	29.72	2.37	990.0	1.60	1.15	1.13
1000.0	9.56	9.76	9.97	9.86	9.92	9.66	0.42	21.37	36.15	29.39	28.73	2.36	1000.0	1.74	1.18	1.16

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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