

8 Way-0° Power Splitter/Combiner

ZB8PD-ED10587/1

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
650.0	9.42	9.42	9.60	9.47	9.62	9.39	0.28	26.18	27.74	23.51	23.40	1.02	650.0	1.47	1.09	1.10
660.0	9.43	9.44	9.62	9.50	9.63	9.42	0.25	26.98	28.07	23.89	23.78	1.01	660.0	1.49	1.09	1.09
670.0	9.44	9.46	9.62	9.50	9.65	9.44	0.25	27.81	28.41	24.30	24.17	0.89	670.0	1.51	1.09	1.09
680.0	9.46	9.46	9.64	9.52	9.65	9.46	0.24	28.68	28.78	24.74	24.60	0.79	680.0	1.52	1.08	1.09
690.0	9.47	9.47	9.64	9.51	9.66	9.45	0.26	29.57	29.17	25.22	25.05	0.64	690.0	1.52	1.08	1.09
703.0	9.46	9.47	9.63	9.51	9.65	9.43	0.27	30.82	29.67	25.84	25.67	0.66	703.0	1.52	1.07	1.09
716.0	9.47	9.47	9.63	9.50	9.65	9.41	0.29	32.14	30.22	26.56	26.36	0.79	716.0	1.51	1.07	1.08
729.0	9.44	9.46	9.62	9.48	9.63	9.39	0.28	33.59	30.83	27.34	27.13	0.94	729.0	1.48	1.06	1.08
742.0	9.43	9.43	9.59	9.46	9.61	9.39	0.28	35.25	31.42	28.20	27.97	1.12	742.0	1.45	1.06	1.08
755.0	9.41	9.42	9.57	9.44	9.59	9.40	0.23	37.00	32.13	29.17	28.92	1.16	755.0	1.42	1.05	1.07
768.0	9.39	9.40	9.55	9.42	9.58	9.40	0.20	38.95	32.86	30.31	30.03	1.14	768.0	1.37	1.05	1.07
781.0	9.37	9.38	9.53	9.40	9.56	9.40	0.20	40.90	33.65	31.63	31.30	0.98	781.0	1.32	1.05	1.07
794.0	9.34	9.35	9.52	9.37	9.54	9.37	0.23	41.86	34.49	33.17	32.78	0.87	794.0	1.27	1.04	1.07
807.0	9.32	9.33	9.50	9.34	9.51	9.33	0.23	41.38	35.38	35.11	34.65	0.84	807.0	1.22	1.04	1.07
820.0	9.29	9.31	9.47	9.31	9.49	9.30	0.23	39.60	36.35	37.63	37.01	0.98	820.0	1.16	1.03	1.07
824.0	9.30	9.31	9.46	9.32	9.49	9.30	0.23	39.06	36.67	38.65	37.91	1.01	824.0	1.15	1.03	1.07
829.0	9.28	9.31	9.45	9.30	9.47	9.29	0.22	38.30	37.07	40.00	39.25	1.09	829.0	1.13	1.03	1.07
834.0	9.28	9.29	9.45	9.30	9.47	9.30	0.21	37.57	37.51	41.62	40.74	1.02	834.0	1.11	1.03	1.07
839.0	9.29	9.29	9.45	9.30	9.48	9.30	0.21	36.94	37.94	43.66	42.52	0.98	839.0	1.09	1.03	1.07
844.0	9.27	9.29	9.44	9.29	9.46	9.30	0.19	36.27	38.34	46.24	44.74	0.98	844.0	1.08	1.03	1.07
849.0	9.27	9.28	9.44	9.29	9.46	9.31	0.19	35.68	38.75	49.80	47.39	0.98	849.0	1.06	1.02	1.07
854.0	9.27	9.28	9.44	9.29	9.47	9.32	0.19	35.07	39.22	55.49	50.87	0.98	854.0	1.06	1.02	1.07
859.0	9.28	9.29	9.45	9.29	9.47	9.32	0.19	34.54	39.57	58.66	53.19	1.04	859.0	1.05	1.02	1.07
864.0	9.29	9.29	9.46	9.29	9.48	9.32	0.19	34.03	40.08	52.40	51.74	0.99	864.0	1.06	1.02	1.07
869.0	9.28	9.30	9.46	9.30	9.48	9.33	0.20	33.58	40.52	47.94	48.18	0.93	869.0	1.07	1.02	1.07
874.0	9.29	9.30	9.47	9.30	9.49	9.33	0.19	33.14	40.87	44.90	45.27	0.96	874.0	1.08	1.02	1.07
879.0	9.29	9.30	9.47	9.30	9.50	9.35	0.21	32.79	41.29	42.72	43.00	0.92	879.0	1.10	1.03	1.07
889.0	9.30	9.32	9.48	9.31	9.50	9.36	0.20	32.07	41.84	39.39	39.69	0.94	889.0	1.13	1.03	1.07
894.0	9.30	9.31	9.47	9.30	9.50	9.38	0.20	31.79	42.05	38.09	38.36	0.99	894.0	1.15	1.03	1.07
900.0	9.30	9.33	9.47	9.30	9.50	9.39	0.20	31.47	42.20	36.84	37.05	0.77	900.0	1.17	1.03	1.07
915.0	9.32	9.33	9.49	9.32	9.50	9.41	0.19	30.89	42.16	34.30	34.41	0.75	915.0	1.23	1.03	1.07
930.0	9.34	9.35	9.51	9.32	9.52	9.40	0.19	30.53	41.48	32.45	32.50	0.69	930.0	1.28	1.03	1.07
945.0	9.36	9.38	9.53	9.35	9.54	9.38	0.20	30.41	40.38	30.92	30.95	0.74	945.0	1.33	1.03	1.06
960.0	9.39	9.40	9.56	9.39	9.58	9.39	0.23	30.56	39.21	29.76	29.71	0.74	960.0	1.38	1.04	1.05
975.0	9.42	9.43	9.59	9.41	9.61	9.46	0.21	30.86	37.98	28.73	28.66	1.05	975.0	1.43	1.04	1.04
990.0	9.46	9.46	9.62	9.43	9.64	9.55	0.21	31.37	36.74	27.85	27.76	0.94	990.0	1.47	1.05	1.04
1005.0	9.46	9.48	9.63	9.43	9.66	9.59	0.23	32.07	35.66	27.11	27.00	0.65	1005.0	1.50	1.05	1.03
1020.0	9.47	9.47	9.63	9.44	9.65	9.57	0.21	32.78	34.64	26.46	26.34	0.76	1020.0	1.53	1.06	1.02
1035.0	9.48	9.49	9.65	9.46	9.65	9.55	0.20	33.22	33.67	25.91	25.76	0.89	1035.0	1.56	1.06	1.03
1050.0	9.51	9.53	9.67	9.48	9.68	9.54	0.20	33.04	32.79	25.45	25.26	0.68	1050.0	1.59	1.07	1.04

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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