

8 Way-0° Power Splitter/Combiner

ZC8PD-900

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	3-4	6-7			S	1	8
800.0	9.32	9.31	9.33	9.30	9.25	9.25	0.16	28.16	36.50	25.78	29.05	2.64	800.0	1.15	1.04	1.05
802.0	9.33	9.32	9.35	9.30	9.26	9.24	0.24	28.43	36.62	26.02	29.17	2.61	802.0	1.14	1.04	1.05
804.0	9.32	9.31	9.34	9.30	9.26	9.25	0.24	28.68	36.78	26.24	29.29	2.61	804.0	1.14	1.04	1.05
806.0	9.32	9.32	9.34	9.30	9.26	9.25	0.27	28.97	36.94	26.45	29.41	2.65	806.0	1.14	1.04	1.05
808.0	9.32	9.31	9.34	9.30	9.26	9.25	0.26	29.24	37.14	26.70	29.51	2.65	808.0	1.14	1.04	1.05
810.0	9.33	9.32	9.35	9.31	9.26	9.25	0.16	29.54	37.28	26.94	29.63	2.66	810.0	1.13	1.04	1.05
812.0	9.33	9.32	9.34	9.30	9.25	9.24	0.22	29.83	37.41	27.19	29.78	2.65	812.0	1.13	1.04	1.05
814.0	9.32	9.33	9.34	9.31	9.26	9.25	0.24	30.14	37.66	27.47	29.90	2.64	814.0	1.13	1.04	1.05
816.0	9.33	9.32	9.36	9.30	9.27	9.25	0.13	30.41	37.84	27.74	30.02	2.67	816.0	1.13	1.04	1.05
818.0	9.33	9.32	9.35	9.33	9.27	9.27	0.08	30.75	38.06	28.01	30.16	2.75	818.0	1.12	1.04	1.04
820.0	9.34	9.33	9.36	9.32	9.27	9.27	0.09	31.02	38.25	28.33	30.29	2.70	820.0	1.12	1.04	1.04
822.0	9.34	9.34	9.37	9.33	9.29	9.28	0.09	31.30	38.41	28.61	30.42	2.66	822.0	1.12	1.04	1.04
824.0	9.35	9.35	9.38	9.35	9.30	9.28	0.10	31.62	38.61	28.90	30.56	2.75	824.0	1.12	1.04	1.04
826.0	9.35	9.35	9.38	9.35	9.30	9.29	0.09	31.89	38.81	29.19	30.69	2.79	826.0	1.11	1.04	1.04
828.0	9.37	9.36	9.39	9.35	9.30	9.30	0.09	32.18	39.02	29.50	30.82	2.77	828.0	1.11	1.04	1.04
830.0	9.36	9.37	9.40	9.35	9.30	9.30	0.10	32.42	39.23	29.85	30.98	2.73	830.0	1.11	1.04	1.04
832.0	9.38	9.38	9.41	9.37	9.33	9.31	0.10	32.66	39.46	30.23	31.12	2.69	832.0	1.11	1.04	1.04
834.0	9.38	9.39	9.42	9.37	9.34	9.32	0.10	32.92	39.65	30.58	31.25	2.76	834.0	1.11	1.04	1.04
836.0	9.40	9.40	9.43	9.39	9.35	9.33	0.10	33.13	39.82	30.92	31.46	2.79	836.0	1.10	1.04	1.04
838.0	9.40	9.40	9.44	9.40	9.34	9.33	0.11	33.27	40.03	31.29	31.56	2.70	838.0	1.10	1.04	1.04
840.0	9.40	9.41	9.44	9.40	9.35	9.33	0.12	33.44	40.27	31.62	31.69	2.71	840.0	1.10	1.04	1.04
843.0	9.41	9.41	9.45	9.40	9.36	9.34	0.11	33.55	40.60	32.18	31.93	2.71	843.0	1.10	1.04	1.04
846.0	9.40	9.41	9.44	9.40	9.35	9.34	0.10	33.63	40.79	32.70	32.13	2.80	846.0	1.09	1.04	1.04
849.0	9.39	9.39	9.44	9.40	9.35	9.33	0.11	33.57	41.06	33.12	32.35	2.77	849.0	1.09	1.04	1.04
852.0	9.38	9.38	9.42	9.38	9.33	9.32	0.10	33.42	41.33	33.47	32.53	2.80	852.0	1.09	1.04	1.04
855.0	9.38	9.37	9.41	9.37	9.31	9.30	0.11	33.23	41.55	33.75	32.77	2.91	855.0	1.09	1.04	1.04
858.0	9.34	9.35	9.39	9.35	9.30	9.28	0.10	32.95	41.76	33.91	32.96	2.92	858.0	1.09	1.04	1.04
861.0	9.33	9.34	9.37	9.33	9.29	9.27	0.10	32.59	41.95	33.78	33.16	2.92	861.0	1.08	1.03	1.04
864.0	9.32	9.31	9.36	9.31	9.27	9.25	0.11	32.22	42.01	33.50	33.38	2.88	864.0	1.08	1.03	1.04
867.0	9.32	9.32	9.35	9.31	9.26	9.24	0.11	31.80	42.17	33.40	33.59	2.93	867.0	1.08	1.03	1.04
870.0	9.30	9.31	9.36	9.31	9.26	9.24	0.12	31.39	42.18	33.36	33.79	2.94	870.0	1.08	1.03	1.03
873.0	9.30	9.31	9.36	9.31	9.26	9.24	0.12	30.96	42.26	33.22	34.03	2.96	873.0	1.08	1.03	1.03
876.0	9.31	9.31	9.36	9.31	9.26	9.24	0.12	30.57	42.17	32.97	34.25	2.94	876.0	1.08	1.03	1.03
879.0	9.32	9.32	9.37	9.31	9.27	9.26	0.11	30.15	42.09	33.02	34.47	2.98	879.0	1.07	1.03	1.03
882.0	9.33	9.33	9.38	9.33	9.28	9.27	0.11	29.72	42.01	32.27	34.73	2.95	882.0	1.07	1.03	1.03
885.0	9.33	9.35	9.40	9.34	9.29	9.27	0.14	29.35	41.85	31.88	34.90	2.94	885.0	1.07	1.03	1.03
888.0	9.33	9.35	9.40	9.33	9.28	9.28	0.12	28.93	41.64	31.55	35.13	3.00	888.0	1.07	1.03	1.03
891.0	9.34	9.35	9.42	9.34	9.28	9.29	0.14	28.55	41.46	31.16	35.34	3.12	891.0	1.07	1.03	1.03
894.0	9.33	9.34	9.41	9.34	9.27	9.29	0.13	28.16	41.19	30.80	35.51	3.13	894.0	1.07	1.03	1.03
897.0	9.34	9.35	9.42	9.33	9.27	9.29	0.15	27.78	40.94	30.38	35.65	3.02	897.0	1.07	1.03	1.03
900.0	9.33	9.34	9.42	9.34	9.27	9.27	0.15	27.41	40.63	30.00	35.87	3.00	900.0	1.07	1.03	1.03

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss



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