

8 Way-0° Power Splitter/Combiner

ZC8PD1-10+

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	2-3	3-4	6-7			S	1	8
300.0	9.31	9.30	9.36	9.37	9.34	9.31	0.07	20.61	23.10	20.42	23.07	0.55	300.0	1.05	1.08	1.08
345.0	9.38	9.37	9.43	9.43	9.42	9.38	0.06	27.30	25.96	27.07	25.96	0.67	345.0	1.23	1.07	1.06
390.0	9.39	9.38	9.44	9.44	9.44	9.39	0.07	35.91	30.09	34.51	30.00	0.68	390.0	1.18	1.07	1.06
430.0	9.36	9.36	9.43	9.43	9.43	9.37	0.07	34.32	36.09	32.74	35.61	0.81	430.0	1.03	1.08	1.07
475.0	9.39	9.39	9.47	9.47	9.47	9.40	0.08	31.94	50.81	31.34	47.36	0.88	475.0	1.14	1.09	1.08
510.0	9.42	9.42	9.51	9.51	9.51	9.43	0.09	33.62	52.15	33.67	57.74	0.91	510.0	1.17	1.09	1.07
560.0	9.41	9.41	9.51	9.51	9.51	9.43	0.10	32.96	42.98	33.57	42.21	0.98	560.0	1.06	1.04	1.03
620.0	9.44	9.44	9.55	9.54	9.56	9.46	0.12	29.71	34.51	29.42	33.67	1.13	620.0	1.10	1.02	1.04
680.0	9.46	9.47	9.60	9.58	9.60	9.49	0.14	33.76	30.75	32.26	30.23	1.24	680.0	1.10	1.02	1.04
740.0	9.49	9.50	9.64	9.62	9.65	9.52	0.16	31.62	31.30	31.95	30.62	1.31	740.0	1.13	1.04	1.05
800.0	9.51	9.52	9.68	9.65	9.68	9.53	0.17	32.25	35.12	34.26	34.25	1.41	800.0	1.11	1.07	1.08
860.0	9.51	9.54	9.71	9.68	9.73	9.55	0.22	37.61	35.72	39.24	35.38	1.49	860.0	1.05	1.07	1.07
920.0	9.52	9.55	9.76	9.73	9.78	9.59	0.26	38.54	32.31	47.66	32.97	1.59	920.0	1.08	1.06	1.06
980.0	9.54	9.57	9.81	9.77	9.84	9.61	0.29	26.62	27.83	28.07	28.63	1.70	980.0	1.15	1.01	1.02
1000.0	9.55	9.58	9.83	9.79	9.87	9.62	0.31	24.44	26.28	25.25	26.95	1.73	1000.0	1.21	1.02	1.03

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

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