

8 Way-0° Power Splitter/Combiner

ZC8PD-ED8435/2

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	3-4	5-6			S	1	8
304.0	9.43	9.42	9.40	9.38	9.46	9.48	0.10	14.51	35.90	14.28	14.42	0.75	304.0	1.22	1.01	1.04
317.0	9.40	9.41	9.38	9.36	9.43	9.45	0.09	15.40	37.63	15.14	15.27	0.80	317.0	1.14	1.01	1.04
330.0	9.40	9.40	9.37	9.35	9.43	9.45	0.09	16.34	39.59	16.04	16.17	0.77	330.0	1.09	1.01	1.03
340.0	9.40	9.42	9.37	9.36	9.43	9.45	0.09	17.10	41.17	16.77	16.90	0.82	340.0	1.07	1.02	1.03
360.0	9.42	9.43	9.39	9.37	9.45	9.47	0.10	18.73	44.48	18.31	18.42	0.94	360.0	1.11	1.02	1.03
380.0	9.45	9.47	9.41	9.39	9.48	9.49	0.10	20.53	46.18	20.01	20.06	0.97	380.0	1.16	1.03	1.03
400.0	9.48	9.49	9.43	9.41	9.50	9.51	0.10	22.58	44.99	21.93	21.87	1.00	400.0	1.18	1.03	1.03
470.0	9.50	9.53	9.45	9.42	9.53	9.53	0.11	32.05	40.27	30.16	29.55	1.14	470.0	1.12	1.02	1.02
530.0	9.52	9.55	9.46	9.44	9.55	9.54	0.11	31.32	40.46	30.14	29.84	1.17	530.0	1.06	1.02	1.04
630.0	9.62	9.65	9.56	9.52	9.63	9.62	0.13	24.90	51.91	24.66	24.57	1.34	630.0	1.19	1.02	1.04
650.0	9.65	9.68	9.58	9.54	9.65	9.64	0.15	24.58	61.76	24.41	24.43	1.42	650.0	1.22	1.03	1.05
670.0	9.67	9.69	9.59	9.55	9.66	9.65	0.14	24.76	58.46	24.64	24.72	1.43	670.0	1.23	1.04	1.06
690.0	9.68	9.72	9.60	9.56	9.67	9.66	0.16	25.37	51.03	25.29	25.39	1.53	690.0	1.21	1.05	1.07
710.0	9.69	9.71	9.60	9.55	9.67	9.65	0.16	26.27	47.30	26.19	26.23	1.50	710.0	1.17	1.06	1.07
730.0	9.69	9.72	9.60	9.54	9.67	9.65	0.17	27.19	45.14	27.02	26.91	1.59	730.0	1.12	1.06	1.07
750.0	9.68	9.71	9.59	9.54	9.66	9.64	0.18	27.83	43.78	27.43	27.16	1.62	750.0	1.06	1.06	1.07
800.0	9.73	9.75	9.62	9.56	9.69	9.67	0.20	28.98	42.89	27.70	27.35	1.66	800.0	1.05	1.05	1.05
865.0	9.77	9.81	9.64	9.57	9.71	9.68	0.24	31.97	48.47	30.92	29.96	1.85	865.0	1.05	1.06	1.04
900.0	9.81	9.85	9.66	9.58	9.73	9.71	0.27	27.55	56.25	28.91	28.26	1.94	900.0	1.04	1.06	1.04
950.0	9.88	9.91	9.69	9.60	9.76	9.71	0.31	22.97	41.00	25.03	25.04	1.99	950.0	1.07	1.08	1.07
1000.0	10.06	10.10	9.83	9.73	9.90	9.84	0.38	19.55	34.42	21.29	21.11	2.15	1000.0	1.40	1.10	1.10

¹ Total Loss = Insertion Loss + 9dB Splitter Loss

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