

8 Way-0° Power Splitter/Combiner

ZCSC-8-1+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹						AMP. UNBAL. (dB)	ISOLATION				PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	(dB)							(dB)						(:1)		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	3-4	6-7			S	1	8
2.0	9.42	9.44	9.50	9.54	9.51	9.50	0.12	37.19	40.87	38.99	35.10	0.87	2.0	1.15	1.20	1.21
10.0	9.05	9.08	9.16	9.21	9.11	9.16	0.16	37.64	42.03	39.62	36.77	0.26	10.0	1.08	1.14	1.15
11.0	9.06	9.07	9.16	9.20	9.12	9.16	0.14	37.38	42.00	39.26	36.73	0.27	11.0	1.08	1.14	1.14
12.0	9.05	9.08	9.16	9.19	9.11	9.15	0.14	37.08	42.01	38.96	36.71	0.26	12.0	1.08	1.14	1.14
13.0	9.04	9.08	9.17	9.20	9.11	9.16	0.15	36.80	41.97	38.61	36.66	0.37	13.0	1.08	1.14	1.14
14.0	9.04	9.06	9.15	9.19	9.11	9.15	0.15	36.50	41.94	38.29	36.60	0.37	14.0	1.08	1.14	1.14
15.0	9.05	9.07	9.16	9.19	9.12	9.16	0.14	36.25	41.90	37.97	36.55	0.35	15.0	1.08	1.14	1.14
16.0	9.05	9.07	9.16	9.18	9.12	9.16	0.13	36.05	41.93	37.61	36.48	0.36	16.0	1.08	1.14	1.14
17.0	9.04	9.07	9.15	9.19	9.12	9.15	0.14	35.77	41.86	37.28	36.39	0.43	17.0	1.08	1.14	1.14
18.0	9.05	9.08	9.15	9.18	9.12	9.15	0.13	35.46	41.89	36.99	36.32	0.51	18.0	1.08	1.14	1.14
19.0	9.05	9.08	9.17	9.19	9.13	9.16	0.14	35.20	41.88	36.71	36.25	0.47	19.0	1.08	1.14	1.14
20.0	9.06	9.08	9.16	9.19	9.13	9.16	0.13	34.97	41.86	36.43	36.15	0.45	20.0	1.08	1.14	1.14
28.0	9.06	9.09	9.17	9.17	9.16	9.17	0.11	33.18	41.68	34.39	35.40	0.71	28.0	1.08	1.14	1.14
36.0	9.05	9.06	9.15	9.13	9.16	9.13	0.11	31.64	41.53	32.78	34.55	0.86	36.0	1.08	1.14	1.14
44.0	9.06	9.08	9.16	9.13	9.16	9.15	0.10	30.41	41.49	31.42	33.66	0.87	44.0	1.08	1.13	1.14
52.0	9.13	9.16	9.22	9.18	9.18	9.21	0.09	29.41	41.47	30.33	32.91	1.00	52.0	1.08	1.13	1.13
60.0	9.21	9.24	9.31	9.26	9.24	9.30	0.09	28.55	41.61	29.47	32.23	1.00	60.0	1.08	1.13	1.13
68.0	9.29	9.30	9.36	9.32	9.28	9.35	0.07	27.80	41.60	28.66	31.59	1.16	68.0	1.08	1.13	1.13
76.0	9.32	9.33	9.39	9.34	9.33	9.37	0.07	27.09	41.65	27.94	30.94	1.34	76.0	1.08	1.12	1.13
84.0	9.35	9.37	9.42	9.36	9.36	9.40	0.08	26.44	41.67	27.27	30.34	1.30	84.0	1.09	1.12	1.13
92.0	9.41	9.41	9.45	9.39	9.37	9.44	0.08	25.86	41.72	26.68	29.76	1.39	92.0	1.09	1.12	1.12
100.0	9.47	9.49	9.52	9.45	9.41	9.49	0.11	25.35	41.72	26.15	29.26	1.29	100.0	1.09	1.12	1.12
105.0	9.50	9.52	9.55	9.49	9.43	9.53	0.13	25.07	41.80	25.86	28.96	1.45	105.0	1.10	1.12	1.12
110.0	9.54	9.56	9.60	9.53	9.46	9.57	0.14	24.80	41.81	25.58	28.67	1.51	110.0	1.10	1.11	1.12
115.0	9.57	9.59	9.63	9.56	9.49	9.60	0.14	24.55	41.85	25.35	28.46	1.61	115.0	1.11	1.11	1.11
120.0	9.60	9.61	9.63	9.57	9.50	9.61	0.13	24.29	41.89	25.10	28.19	1.63	120.0	1.11	1.11	1.11
125.0	9.61	9.63	9.65	9.58	9.53	9.63	0.12	24.05	41.92	24.83	27.93	1.66	125.0	1.12	1.11	1.11
129.0	9.63	9.64	9.67	9.57	9.54	9.64	0.12	23.84	41.91	24.62	27.72	1.79	129.0	1.12	1.11	1.11
136.0	9.65	9.68	9.69	9.60	9.56	9.65	0.13	23.53	41.98	24.30	27.38	1.83	136.0	1.13	1.10	1.11
143.0	9.67	9.68	9.71	9.62	9.58	9.67	0.13	23.21	42.04	23.99	27.04	1.81	143.0	1.14	1.10	1.10
150.0	9.71	9.71	9.73	9.64	9.61	9.69	0.12	22.92	42.00	23.70	26.74	1.84	150.0	1.15	1.10	1.10
160.0	9.75	9.77	9.78	9.69	9.66	9.73	0.12	22.55	42.19	23.33	26.34	1.91	160.0	1.16	1.10	1.10
170.0	9.80	9.82	9.82	9.73	9.71	9.77	0.12	22.20	42.28	22.99	25.93	2.00	170.0	1.18	1.09	1.09
180.0	9.86	9.88	9.88	9.79	9.75	9.82	0.13	21.88	42.39	22.66	25.56	2.14	180.0	1.20	1.09	1.09
190.0	9.94	9.97	9.96	9.87	9.83	9.90	0.13	21.60	42.55	22.38	25.23	2.18	190.0	1.21	1.09	1.08
200.0	10.00	10.02	10.02	9.93	9.92	9.96	0.12	21.37	42.70	22.17	24.95	2.39	200.0	1.23	1.08	1.08
210.0	10.01	10.03	10.01	9.92	9.93	9.95	0.13	21.14	42.89	21.95	24.66	2.50	210.0	1.25	1.08	1.07
220.0	10.02	10.04	10.02	9.92	9.95	9.94	0.14	20.91	43.23	21.73	24.39	2.66	220.0	1.27	1.08	1.07
230.0	10.10	10.12	10.08	9.98	10.03	10.01	0.16	20.69	43.34	21.53	24.12	2.75	230.0	1.29	1.07	1.06
240.0	10.17	10.20	10.16	10.06	10.10	10.08	0.15	20.45	43.60	21.30	23.82	2.93	240.0	1.32	1.07	1.06
250.0	10.22	10.26	10.23	10.11	10.17	10.14	0.16	20.22	43.74	21.08	23.51	3.08	250.0	1.34	1.07	1.05

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

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