

4 Way-0° Power Splitter/Combiner

ZMSC-4-2+

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		1-2	2-3	3-4			S	1	2	3	4
0.002	6.44	6.44	6.41	6.41	0.03	28.37	24.59	29.08	0.32	0.002	1.58	1.86	1.86	1.92	1.92
0.003	6.33	6.33	6.32	6.31	0.02	29.18	27.09	29.52	0.27	0.003	1.47	1.57	1.58	1.61	1.61
0.004	6.29	6.28	6.28	6.28	0.01	29.60	29.02	29.76	0.23	0.004	1.43	1.44	1.44	1.46	1.46
0.005	6.26	6.26	6.26	6.26	0.01	29.82	30.59	29.89	0.20	0.005	1.41	1.36	1.36	1.38	1.38
0.006	6.25	6.25	6.24	6.24	0.00	29.94	31.89	29.96	0.16	0.006	1.40	1.31	1.31	1.32	1.32
0.007	6.24	6.24	6.24	6.24	0.00	30.00	33.01	30.01	0.15	0.007	1.39	1.27	1.27	1.28	1.28
0.008	6.23	6.23	6.23	6.23	0.00	30.05	33.97	30.04	0.13	0.008	1.39	1.25	1.25	1.25	1.25
0.009	6.23	6.23	6.23	6.23	0.00	30.08	34.81	30.06	0.12	0.009	1.38	1.23	1.23	1.23	1.23
0.010	6.23	6.23	6.23	6.22	0.00	30.09	35.54	30.08	0.11	0.010	1.38	1.21	1.21	1.22	1.22
0.012	6.22	6.22	6.22	6.22	0.00	30.10	36.81	30.10	0.09	0.012	1.38	1.19	1.19	1.19	1.19
0.014	6.22	6.22	6.22	6.22	0.00	30.11	37.82	30.11	0.08	0.014	1.38	1.18	1.18	1.18	1.18
0.016	6.22	6.22	6.22	6.22	0.00	30.11	38.66	30.11	0.07	0.016	1.37	1.17	1.17	1.17	1.17
0.018	6.22	6.22	6.22	6.22	0.00	30.11	39.39	30.12	0.07	0.018	1.37	1.16	1.16	1.16	1.16
0.020	6.22	6.22	6.22	6.22	0.00	30.12	39.98	30.11	0.06	0.020	1.37	1.15	1.15	1.15	1.15
0.142	6.22	6.22	6.22	6.22	0.00	30.11	44.60	30.11	0.02	0.142	1.37	1.13	1.13	1.13	1.13
0.265	6.22	6.22	6.22	6.22	0.00	30.10	44.82	30.12	0.04	0.265	1.37	1.13	1.13	1.13	1.13
0.387	6.22	6.22	6.22	6.22	0.00	30.11	44.85	30.12	0.04	0.387	1.37	1.13	1.13	1.13	1.13
0.510	6.22	6.22	6.22	6.22	0.00	30.12	44.84	30.14	0.05	0.510	1.37	1.13	1.13	1.13	1.13
0.632	6.22	6.22	6.22	6.22	0.00	30.14	44.81	30.15	0.06	0.632	1.37	1.13	1.13	1.13	1.13
0.755	6.22	6.22	6.22	6.22	0.00	30.15	44.75	30.17	0.07	0.755	1.37	1.13	1.13	1.13	1.12
0.877	6.22	6.22	6.22	6.22	0.00	30.17	44.73	30.18	0.08	0.877	1.37	1.13	1.13	1.12	1.12
1.000	6.22	6.22	6.23	6.22	0.00	30.19	44.69	30.20	0.09	1.000	1.37	1.13	1.13	1.12	1.12
2.000	6.25	6.25	6.25	6.25	0.00	30.42	44.31	30.41	0.14	2.000	1.38	1.12	1.12	1.12	1.12
3.000	6.27	6.27	6.27	6.27	0.00	30.70	43.76	30.65	0.18	3.000	1.38	1.12	1.12	1.12	1.12
4.000	6.29	6.29	6.30	6.30	0.00	30.97	43.09	30.88	0.23	4.000	1.39	1.11	1.11	1.11	1.11
5.000	6.32	6.32	6.32	6.32	0.01	31.24	42.39	31.09	0.28	5.000	1.39	1.11	1.11	1.11	1.11
6.000	6.34	6.34	6.34	6.34	0.01	31.49	41.67	31.27	0.33	6.000	1.39	1.11	1.11	1.11	1.11
7.000	6.36	6.36	6.36	6.36	0.01	31.74	40.96	31.43	0.38	7.000	1.40	1.10	1.10	1.10	1.10
8.000	6.37	6.37	6.38	6.38	0.01	31.99	40.30	31.58	0.43	8.000	1.40	1.10	1.10	1.10	1.10
9.000	6.39	6.39	6.40	6.40	0.01	32.24	39.67	31.72	0.48	9.000	1.40	1.10	1.10	1.10	1.10
10.000	6.41	6.41	6.42	6.41	0.01	32.48	39.09	31.85	0.53	10.000	1.40	1.09	1.09	1.09	1.09
11.000	6.42	6.42	6.43	6.43	0.01	32.73	38.54	31.96	0.58	11.000	1.39	1.09	1.09	1.09	1.09
12.000	6.44	6.44	6.45	6.44	0.01	32.97	38.03	32.08	0.63	12.000	1.39	1.09	1.09	1.09	1.09
13.000	6.45	6.45	6.46	6.46	0.01	33.23	37.56	32.19	0.67	13.000	1.39	1.08	1.09	1.08	1.08
14.000	6.46	6.46	6.47	6.47	0.01	33.49	37.10	32.30	0.72	14.000	1.39	1.08	1.08	1.08	1.08
15.000	6.48	6.48	6.48	6.48	0.01	33.77	36.69	32.42	0.78	15.000	1.38	1.08	1.08	1.08	1.08
16.000	6.49	6.49	6.50	6.50	0.01	34.06	36.28	32.55	0.83	16.000	1.38	1.08	1.08	1.08	1.07
17.000	6.50	6.50	6.51	6.51	0.01	34.37	35.90	32.68	0.87	17.000	1.37	1.07	1.07	1.07	1.07
18.000	6.51	6.51	6.52	6.52	0.01	34.70	35.55	32.82	0.92	18.000	1.36	1.07	1.07	1.07	1.07
19.000	6.52	6.52	6.53	6.53	0.01	35.04	35.21	32.98	0.98	19.000	1.36	1.07	1.07	1.07	1.07
20.000	6.53	6.53	6.54	6.54	0.01	35.41	34.89	33.16	1.03	20.000	1.35	1.07	1.07	1.07	1.06

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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