

4 Way-0° Power Splitter/Combiner

ZMSC-4-1

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
0.1	6.17	6.17	6.17	6.16	0.01	28.93	32.05	29.34	0.07	0.1	1.27	1.31	1.31	1.32	1.32
0.2	6.19	6.19	6.19	6.19	0.00	29.00	37.80	29.39	0.06	0.2	1.25	1.22	1.22	1.22	1.22
0.3	6.20	6.20	6.20	6.20	0.00	29.06	40.92	29.41	0.02	0.3	1.25	1.20	1.20	1.20	1.20
0.4	6.19	6.20	6.20	6.20	0.01	29.05	42.78	29.38	0.02	0.4	1.24	1.19	1.19	1.19	1.19
0.5	6.20	6.20	6.20	6.20	0.00	29.03	43.97	29.35	0.05	0.5	1.24	1.18	1.18	1.19	1.19
0.6	6.19	6.19	6.19	6.20	0.01	29.00	44.82	29.31	0.04	0.6	1.25	1.18	1.18	1.18	1.18
0.7	6.20	6.20	6.20	6.19	0.01	28.96	45.31	29.26	0.04	0.7	1.25	1.18	1.18	1.18	1.18
0.8	6.19	6.19	6.19	6.19	0.00	28.93	45.61	29.21	0.02	0.8	1.25	1.17	1.17	1.18	1.18
0.9	6.19	6.19	6.19	6.19	0.00	28.91	45.85	29.18	0.03	0.9	1.25	1.17	1.17	1.18	1.17
1.0	6.19	6.19	6.19	6.18	0.01	28.87	45.99	29.14	0.05	1.0	1.25	1.17	1.17	1.17	1.17
10.0	6.20	6.21	6.21	6.21	0.01	29.26	46.44	29.47	0.06	10.0	1.27	1.15	1.15	1.15	1.15
17.0	6.24	6.24	6.24	6.25	0.01	29.39	46.26	29.60	0.03	17.0	1.27	1.15	1.14	1.15	1.15
24.0	6.27	6.27	6.27	6.27	0.01	29.44	45.78	29.63	0.05	24.0	1.28	1.14	1.14	1.14	1.14
31.0	6.29	6.29	6.29	6.29	0.01	29.41	45.20	29.56	0.04	31.0	1.28	1.14	1.14	1.14	1.14
38.0	6.32	6.32	6.33	6.32	0.01	29.31	44.42	29.43	0.04	38.0	1.28	1.13	1.13	1.14	1.14
45.0	6.33	6.33	6.33	6.33	0.01	29.18	43.76	29.28	0.05	45.0	1.28	1.13	1.13	1.13	1.13
52.0	6.34	6.34	6.34	6.35	0.01	29.05	43.18	29.13	0.05	52.0	1.28	1.13	1.13	1.13	1.13
59.0	6.33	6.34	6.34	6.34	0.02	28.90	42.54	28.96	0.06	59.0	1.28	1.12	1.12	1.12	1.12
66.0	6.34	6.33	6.35	6.35	0.01	28.79	42.06	28.79	0.04	66.0	1.27	1.12	1.12	1.12	1.12
73.0	6.33	6.34	6.35	6.35	0.02	28.64	41.55	28.65	0.06	73.0	1.27	1.11	1.11	1.11	1.11
80.0	6.35	6.35	6.36	6.36	0.02	28.55	41.17	28.52	0.07	80.0	1.26	1.11	1.10	1.10	1.11
84.0	6.36	6.36	6.37	6.38	0.02	28.48	40.94	28.48	0.04	84.0	1.26	1.10	1.10	1.10	1.10
88.0	6.37	6.37	6.38	6.39	0.02	28.48	40.73	28.42	0.04	88.0	1.25	1.10	1.10	1.10	1.10
92.0	6.38	6.38	6.40	6.40	0.02	28.46	40.57	28.39	0.07	92.0	1.25	1.10	1.10	1.09	1.10
96.0	6.39	6.39	6.41	6.42	0.03	28.44	40.42	28.36	0.05	96.0	1.24	1.09	1.09	1.09	1.09
100.0	6.40	6.40	6.43	6.43	0.02	28.45	40.30	28.37	0.06	100.0	1.24	1.09	1.09	1.09	1.09
106.0	6.41	6.41	6.43	6.44	0.03	28.50	40.12	28.38	0.05	106.0	1.23	1.09	1.08	1.08	1.08
112.0	6.41	6.41	6.44	6.44	0.04	28.56	39.98	28.42	0.10	112.0	1.22	1.08	1.08	1.08	1.08
118.0	6.40	6.41	6.43	6.44	0.04	28.68	39.86	28.52	0.07	118.0	1.21	1.08	1.08	1.07	1.07
124.0	6.40	6.40	6.43	6.44	0.04	28.83	39.81	28.67	0.04	124.0	1.20	1.08	1.07	1.07	1.07
130.0	6.40	6.40	6.44	6.44	0.05	29.03	39.76	28.83	0.09	130.0	1.19	1.07	1.07	1.06	1.07
136.0	6.41	6.41	6.44	6.46	0.05	29.26	39.87	29.07	0.11	136.0	1.18	1.07	1.07	1.06	1.06
142.0	6.42	6.42	6.46	6.47	0.05	29.57	39.90	29.36	0.11	142.0	1.17	1.07	1.07	1.06	1.06
148.0	6.44	6.43	6.48	6.49	0.06	29.90	40.06	29.70	0.09	148.0	1.15	1.07	1.07	1.06	1.06
154.0	6.45	6.45	6.50	6.51	0.06	30.28	40.30	30.13	0.10	154.0	1.14	1.07	1.07	1.06	1.06
160.0	6.47	6.46	6.51	6.53	0.07	30.74	40.54	30.63	0.11	160.0	1.13	1.08	1.08	1.06	1.06
168.0	6.48	6.47	6.53	6.55	0.08	31.38	40.98	31.42	0.14	168.0	1.11	1.08	1.08	1.07	1.07
176.0	6.49	6.48	6.55	6.57	0.09	32.10	41.55	32.45	0.19	176.0	1.09	1.09	1.09	1.08	1.07
184.0	6.50	6.49	6.57	6.59	0.10	32.76	42.38	33.67	0.19	184.0	1.08	1.10	1.10	1.09	1.08
192.0	6.51	6.51	6.59	6.62	0.11	33.28	43.49	35.26	0.22	192.0	1.07	1.11	1.11	1.10	1.09
200.0	6.52	6.51	6.60	6.63	0.12	33.46	44.99	37.10	0.25	200.0	1.06	1.12	1.12	1.11	1.10

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

