

2 Way-0° Power Splitter/Combiner

ZMSC-2-1+

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	1	2
0.1	3.06	3.06	0.00	23.90	0.00	0.1	1.08	1.22	1.22
10.0	3.08	3.09	0.00	41.30	0.01	10.0	1.06	1.04	1.04
20.0	3.10	3.10	0.00	40.27	0.01	20.0	1.06	1.04	1.04
30.0	3.11	3.11	0.00	38.96	0.05	30.0	1.07	1.04	1.04
40.0	3.11	3.12	0.00	37.66	0.02	40.0	1.07	1.04	1.04
50.0	3.12	3.12	0.00	36.43	0.06	50.0	1.07	1.04	1.03
60.0	3.15	3.14	0.01	35.40	0.00	60.0	1.07	1.03	1.03
70.0	3.15	3.16	0.01	34.42	0.11	70.0	1.07	1.03	1.03
80.0	3.17	3.17	0.00	33.60	0.07	80.0	1.07	1.03	1.03
90.0	3.18	3.18	0.00	32.87	0.06	90.0	1.08	1.03	1.04
100.0	3.19	3.19	0.00	32.23	0.09	100.0	1.08	1.04	1.04
110.0	3.19	3.19	0.00	31.63	0.07	110.0	1.08	1.04	1.04
120.0	3.19	3.19	0.00	31.10	0.09	120.0	1.08	1.04	1.04
130.0	3.19	3.19	0.00	30.61	0.11	130.0	1.08	1.04	1.04
140.0	3.21	3.20	0.00	30.22	0.11	140.0	1.08	1.04	1.05
150.0	3.23	3.22	0.01	29.84	0.12	150.0	1.08	1.05	1.05
160.0	3.24	3.24	0.01	29.49	0.10	160.0	1.08	1.05	1.05
170.0	3.25	3.25	0.00	29.19	0.15	170.0	1.08	1.05	1.06
180.0	3.25	3.25	0.01	28.91	0.10	180.0	1.08	1.06	1.06
190.0	3.27	3.26	0.01	28.65	0.08	190.0	1.08	1.06	1.07
200.0	3.27	3.26	0.01	28.45	0.11	200.0	1.08	1.07	1.07
210.0	3.26	3.25	0.01	28.23	0.11	210.0	1.08	1.07	1.08
220.0	3.25	3.23	0.02	28.06	0.16	220.0	1.08	1.08	1.08
230.0	3.26	3.24	0.02	27.93	0.13	230.0	1.08	1.08	1.09
240.0	3.31	3.30	0.01	27.86	0.12	240.0	1.09	1.09	1.10
250.0	3.35	3.34	0.02	27.79	0.15	250.0	1.09	1.09	1.10
260.0	3.35	3.34	0.01	27.68	0.12	260.0	1.09	1.10	1.11
270.0	3.34	3.32	0.02	27.55	0.13	270.0	1.09	1.11	1.12
280.0	3.34	3.32	0.02	27.46	0.14	280.0	1.10	1.12	1.13
290.0	3.36	3.34	0.02	27.38	0.13	290.0	1.10	1.12	1.13
300.0	3.34	3.31	0.03	27.27	0.14	300.0	1.10	1.13	1.14
310.0	3.32	3.29	0.03	27.17	0.17	310.0	1.11	1.14	1.15
320.0	3.34	3.31	0.03	27.10	0.18	320.0	1.12	1.15	1.16
330.0	3.43	3.40	0.03	27.05	0.13	330.0	1.12	1.16	1.17
340.0	3.50	3.46	0.04	26.95	0.15	340.0	1.13	1.17	1.18
350.0	3.50	3.47	0.03	26.74	0.17	350.0	1.14	1.18	1.19
360.0	3.47	3.44	0.04	26.45	0.10	360.0	1.15	1.19	1.20
370.0	3.45	3.41	0.04	26.14	0.08	370.0	1.16	1.20	1.21
380.0	3.47	3.43	0.04	25.77	0.10	380.0	1.18	1.21	1.22
390.0	3.47	3.42	0.05	25.37	0.06	390.0	1.19	1.22	1.23
400.0	3.47	3.43	0.04	24.93	0.12	400.0	1.21	1.23	1.24

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

