

2 Way-0° Power Splitter/Combiner

ZMSC-2-1W+

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
1.0	3.23	3.23	0.00	26.15	0.03	1.0	1.09	1.16	1.17
2.0	3.20	3.20	0.00	27.81	0.05	2.0	1.07	1.11	1.12
3.0	3.17	3.17	0.00	28.60	0.05	3.0	1.06	1.09	1.10
4.0	3.17	3.16	0.01	29.07	0.04	4.0	1.06	1.08	1.09
5.0	3.16	3.16	0.00	29.35	0.06	5.0	1.05	1.07	1.08
6.0	3.16	3.16	0.00	29.51	0.06	6.0	1.05	1.07	1.08
7.0	3.15	3.16	0.01	29.60	0.01	7.0	1.05	1.06	1.08
8.0	3.16	3.16	0.00	29.64	0.03	8.0	1.05	1.06	1.08
9.0	3.15	3.15	0.00	29.66	0.05	9.0	1.05	1.06	1.07
10.0	3.15	3.16	0.00	29.68	0.04	10.0	1.05	1.06	1.07
20.0	3.16	3.16	0.00	29.63	0.04	20.0	1.04	1.06	1.07
48.0	3.18	3.17	0.00	29.23	0.13	48.0	1.04	1.06	1.07
76.0	3.21	3.21	0.00	28.88	0.15	76.0	1.04	1.06	1.07
104.0	3.22	3.21	0.01	28.53	0.24	104.0	1.04	1.05	1.07
132.0	3.24	3.23	0.00	28.23	0.26	132.0	1.04	1.05	1.06
160.0	3.26	3.25	0.01	27.93	0.34	160.0	1.04	1.05	1.06
188.0	3.26	3.25	0.01	27.67	0.38	188.0	1.04	1.04	1.05
216.0	3.28	3.27	0.01	27.42	0.39	216.0	1.04	1.04	1.04
244.0	3.33	3.32	0.01	27.25	0.43	244.0	1.04	1.03	1.04
272.0	3.30	3.29	0.01	27.02	0.54	272.0	1.04	1.03	1.03
300.0	3.36	3.34	0.02	26.86	0.55	300.0	1.04	1.03	1.03
305.0	3.36	3.34	0.02	26.82	0.59	305.0	1.04	1.03	1.02
310.0	3.34	3.32	0.02	26.78	0.54	310.0	1.04	1.03	1.02
315.0	3.34	3.31	0.03	26.77	0.55	315.0	1.04	1.03	1.02
320.0	3.34	3.32	0.02	26.76	0.58	320.0	1.04	1.03	1.02
325.0	3.36	3.34	0.02	26.75	0.60	325.0	1.04	1.03	1.02
352.5	3.38	3.36	0.02	26.66	0.62	352.5	1.05	1.03	1.03
380.0	3.42	3.40	0.02	26.63	0.65	380.0	1.05	1.04	1.03
407.5	3.42	3.39	0.02	26.59	0.70	407.5	1.05	1.05	1.05
435.0	3.49	3.46	0.03	26.70	0.68	435.0	1.06	1.06	1.06
462.5	3.49	3.47	0.02	26.84	0.71	462.5	1.06	1.07	1.07
490.0	3.50	3.48	0.03	27.01	0.73	490.0	1.07	1.08	1.09
517.5	3.55	3.52	0.03	27.38	0.79	517.5	1.08	1.10	1.11
545.0	3.57	3.54	0.03	27.86	0.83	545.0	1.09	1.11	1.12
572.5	3.63	3.59	0.04	28.52	0.84	572.5	1.10	1.13	1.14
600.0	3.68	3.64	0.04	29.44	0.82	600.0	1.10	1.14	1.16
610.0	3.66	3.62	0.04	29.83	0.82	610.0	1.11	1.15	1.17
620.0	3.66	3.61	0.05	30.32	0.82	620.0	1.11	1.16	1.18
630.0	3.67	3.63	0.04	30.82	0.84	630.0	1.11	1.16	1.18
640.0	3.71	3.66	0.04	31.41	0.82	640.0	1.12	1.17	1.19
650.0	3.75	3.70	0.04	32.10	0.87	650.0	1.12	1.18	1.20

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ZMSC-2-1W+
100721
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

