

2 Way-180° Power Splitter/Combiner

ZMSCJ-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
1.0	3.67	3.79	0.12	33.55	181.00	1.0	1.15	1.26	1.30
5.0	3.44	3.48	0.04	34.53	179.43	5.0	1.05	1.18	1.19
8.0	3.42	3.45	0.02	34.60	179.58	8.0	1.03	1.17	1.17
11.0	3.43	3.44	0.01	34.65	179.65	11.0	1.03	1.17	1.17
14.0	3.43	3.44	0.01	34.65	179.71	14.0	1.04	1.17	1.17
17.0	3.43	3.43	0.00	34.65	179.72	17.0	1.04	1.17	1.17
20.0	3.44	3.43	0.00	34.62	179.73	20.0	1.04	1.17	1.17
27.5	3.45	3.45	0.00	34.60	179.78	27.5	1.06	1.17	1.17
35.0	3.46	3.46	0.01	34.48	179.76	35.0	1.07	1.18	1.18
42.5	3.48	3.47	0.01	34.36	179.77	42.5	1.09	1.18	1.18
50.0	3.49	3.48	0.01	34.19	179.76	50.0	1.10	1.19	1.19
55.0	3.50	3.49	0.01	34.07	179.78	55.0	1.11	1.19	1.20
60.0	3.51	3.50	0.01	33.94	179.77	60.0	1.12	1.19	1.20
65.0	3.53	3.51	0.02	33.81	179.74	65.0	1.13	1.20	1.21
70.0	3.55	3.53	0.02	33.66	179.73	70.0	1.14	1.20	1.21
75.0	3.56	3.54	0.02	33.52	179.75	75.0	1.15	1.21	1.22
80.0	3.56	3.54	0.02	33.31	179.73	80.0	1.16	1.21	1.22
85.0	3.56	3.54	0.02	33.14	179.75	85.0	1.17	1.21	1.23
90.0	3.56	3.54	0.02	32.98	179.72	90.0	1.18	1.22	1.24
95.0	3.56	3.54	0.02	32.79	179.70	95.0	1.19	1.22	1.24
100.0	3.56	3.53	0.03	32.58	179.62	100.0	1.21	1.23	1.25
105.0	3.55	3.52	0.03	32.39	179.65	105.0	1.22	1.23	1.26
110.0	3.55	3.51	0.03	32.17	179.62	110.0	1.23	1.24	1.26
115.0	3.56	3.52	0.04	32.03	179.60	115.0	1.24	1.24	1.27
120.0	3.57	3.52	0.05	31.83	179.62	120.0	1.25	1.25	1.28
125.0	3.58	3.53	0.05	31.65	179.59	125.0	1.26	1.25	1.29
130.0	3.60	3.55	0.05	31.49	179.62	130.0	1.27	1.26	1.29
135.0	3.63	3.57	0.06	31.32	179.60	135.0	1.28	1.27	1.30
140.0	3.66	3.60	0.06	31.18	179.64	140.0	1.29	1.27	1.31
145.0	3.69	3.62	0.06	31.01	179.66	145.0	1.30	1.28	1.32
150.0	3.71	3.64	0.06	30.86	179.64	150.0	1.31	1.28	1.33
155.0	3.72	3.66	0.06	30.70	179.65	155.0	1.32	1.29	1.33
160.0	3.74	3.68	0.06	30.54	179.62	160.0	1.33	1.30	1.34
165.0	3.74	3.67	0.08	30.36	179.61	165.0	1.35	1.30	1.35
170.0	3.73	3.66	0.07	30.19	179.58	170.0	1.36	1.31	1.36
175.0	3.73	3.65	0.07	29.99	179.61	175.0	1.37	1.32	1.37
180.0	3.71	3.63	0.08	29.85	179.54	180.0	1.38	1.32	1.38
185.0	3.70	3.61	0.09	29.67	179.53	185.0	1.39	1.33	1.39
190.0	3.68	3.59	0.09	29.49	179.50	190.0	1.40	1.34	1.39
195.0	3.67	3.57	0.10	29.32	179.49	195.0	1.41	1.34	1.40
200.0	3.67	3.56	0.11	29.16	179.46	200.0	1.42	1.35	1.41

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

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