

2 Way-0° Power Splitter/Combiner

ZSC-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	3.07	3.06	0.00	25.99	0.01	0.1	1.09	1.19	1.19
0.2	3.07	3.09	0.01	27.48	0.10	0.2	1.06	1.14	1.14
0.3	3.08	3.07	0.01	27.82	0.08	0.3	1.05	1.13	1.13
0.4	3.08	3.07	0.01	27.93	0.03	0.4	1.05	1.12	1.12
0.5	3.08	3.09	0.01	28.03	0.03	0.5	1.05	1.12	1.12
0.6	3.08	3.09	0.01	28.09	0.02	0.6	1.05	1.12	1.12
0.7	3.09	3.08	0.01	28.17	0.06	0.7	1.05	1.12	1.12
0.8	3.08	3.08	0.00	28.25	0.02	0.8	1.05	1.12	1.12
0.9	3.09	3.09	0.00	28.30	0.03	0.9	1.04	1.11	1.11
1.0	3.08	3.09	0.01	28.33	0.10	1.0	1.04	1.11	1.11
10.0	3.10	3.10	0.01	28.28	0.04	10.0	1.03	1.10	1.10
19.0	3.12	3.12	0.00	28.04	0.05	19.0	1.03	1.10	1.10
28.0	3.14	3.14	0.00	27.85	0.03	28.0	1.02	1.09	1.09
37.0	3.15	3.14	0.01	27.67	0.07	37.0	1.02	1.09	1.09
46.0	3.15	3.16	0.01	27.49	0.05	46.0	1.02	1.09	1.09
55.0	3.16	3.16	0.00	27.32	0.07	55.0	1.02	1.09	1.10
64.0	3.16	3.15	0.01	27.21	0.09	64.0	1.02	1.10	1.10
73.0	3.18	3.16	0.01	27.07	0.16	73.0	1.01	1.10	1.10
82.0	3.19	3.18	0.01	26.92	0.02	82.0	1.01	1.10	1.10
91.0	3.17	3.18	0.01	26.80	0.08	91.0	1.01	1.10	1.10
100.0	3.18	3.19	0.01	26.73	0.04	100.0	1.01	1.10	1.10
115.0	3.22	3.22	0.00	26.58	0.15	115.0	1.01	1.10	1.11
130.0	3.22	3.22	0.00	26.43	0.14	130.0	1.02	1.11	1.11
145.0	3.23	3.23	0.01	26.32	0.09	145.0	1.02	1.11	1.12
160.0	3.26	3.23	0.02	26.24	0.20	160.0	1.03	1.12	1.12
175.0	3.24	3.24	0.01	26.21	0.16	175.0	1.03	1.13	1.13
190.0	3.30	3.28	0.01	26.24	0.27	190.0	1.04	1.14	1.14
205.0	3.30	3.29	0.01	26.24	0.13	205.0	1.05	1.14	1.15
220.0	3.29	3.28	0.02	26.21	0.17	220.0	1.06	1.15	1.16
235.0	3.26	3.24	0.02	26.30	0.19	235.0	1.07	1.16	1.17
250.0	3.40	3.37	0.03	26.52	0.19	250.0	1.08	1.17	1.18
265.0	3.41	3.38	0.03	26.64	0.20	265.0	1.09	1.18	1.19
280.0	3.38	3.35	0.03	26.70	0.23	280.0	1.10	1.20	1.21
295.0	3.34	3.31	0.03	26.83	0.18	295.0	1.12	1.21	1.22
310.0	3.38	3.35	0.03	27.01	0.27	310.0	1.13	1.22	1.23
325.0	3.60	3.56	0.04	27.25	0.25	325.0	1.15	1.23	1.25
340.0	3.50	3.47	0.03	27.11	0.22	340.0	1.17	1.24	1.26
355.0	3.42	3.39	0.03	26.87	0.16	355.0	1.19	1.26	1.28
370.0	3.49	3.44	0.05	26.65	0.18	370.0	1.21	1.27	1.29
385.0	3.69	3.63	0.06	26.35	0.14	385.0	1.23	1.28	1.31
400.0	3.70	3.64	0.06	25.70	0.13	400.0	1.26	1.30	1.32

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

