

2 Way-0° Power Splitter/Combiner

ZSC-2-2-75

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
0.002	3.18	3.18	0.00	24.51	0.08	0.002	1.21	1.37	1.37
0.005	3.10	3.10	0.00	31.39	0.03	0.005	1.09	1.15	1.15
0.008	3.08	3.09	0.00	35.08	0.02	0.008	1.06	1.09	1.10
0.011	3.08	3.08	0.00	37.52	0.02	0.011	1.04	1.07	1.07
0.014	3.07	3.07	0.00	39.33	0.02	0.014	1.04	1.05	1.05
0.017	3.07	3.07	0.00	40.76	0.01	0.017	1.03	1.04	1.05
0.020	3.06	3.06	0.00	41.94	0.01	0.020	1.03	1.04	1.04
0.510	3.07	3.07	0.00	64.03	0.00	0.510	1.02	1.00	1.00
1.000	3.07	3.07	0.00	55.50	0.00	1.000	1.02	1.00	1.00
10.000	3.16	3.15	0.00	38.79	0.00	10.000	1.05	1.06	1.06
11.000	3.16	3.16	0.00	38.27	0.01	11.000	1.05	1.06	1.06
12.000	3.17	3.17	0.00	37.83	0.01	12.000	1.06	1.07	1.07
13.000	3.18	3.18	0.00	37.41	0.00	13.000	1.06	1.08	1.08
14.000	3.18	3.18	0.00	37.00	0.01	14.000	1.07	1.09	1.09
15.000	3.19	3.19	0.00	36.66	0.01	15.000	1.07	1.09	1.09
16.000	3.20	3.20	0.00	36.32	0.01	16.000	1.08	1.10	1.10
17.000	3.20	3.20	0.00	36.00	0.01	17.000	1.09	1.11	1.11
18.000	3.21	3.21	0.00	35.70	0.01	18.000	1.09	1.11	1.11
19.000	3.22	3.22	0.00	35.40	0.01	19.000	1.10	1.12	1.12
20.000	3.23	3.23	0.00	35.12	0.01	20.000	1.10	1.13	1.13
30.000	3.30	3.30	0.00	32.49	0.01	30.000	1.16	1.20	1.20
31.000	3.31	3.31	0.00	32.24	0.02	31.000	1.17	1.21	1.21
32.000	3.31	3.32	0.00	31.97	0.01	32.000	1.18	1.22	1.22
33.000	3.32	3.32	0.00	31.72	0.01	33.000	1.18	1.23	1.23
34.000	3.33	3.33	0.00	31.45	0.01	34.000	1.19	1.23	1.23
35.000	3.34	3.34	0.00	31.18	0.00	35.000	1.20	1.24	1.24
36.000	3.35	3.35	0.00	30.91	0.01	36.000	1.20	1.25	1.25
37.000	3.35	3.36	0.00	30.64	0.00	37.000	1.21	1.26	1.26
38.000	3.36	3.36	0.00	30.37	0.00	38.000	1.22	1.27	1.27
39.000	3.37	3.37	0.00	30.10	0.01	39.000	1.23	1.28	1.28
40.000	3.38	3.38	0.00	29.82	0.01	40.000	1.23	1.28	1.29
42.000	3.40	3.40	0.00	29.26	0.00	42.000	1.25	1.30	1.30
44.000	3.41	3.42	0.00	28.70	0.00	44.000	1.26	1.32	1.32
46.000	3.43	3.43	0.00	28.14	0.00	46.000	1.28	1.34	1.33
48.000	3.45	3.45	0.00	27.58	0.00	48.000	1.29	1.35	1.35
50.000	3.47	3.47	0.00	27.01	0.00	50.000	1.30	1.37	1.37
52.000	3.49	3.49	0.00	26.46	0.01	52.000	1.32	1.38	1.39
54.000	3.50	3.51	0.01	25.91	0.01	54.000	1.34	1.40	1.40
56.000	3.52	3.53	0.01	25.37	0.02	56.000	1.35	1.42	1.42
58.000	3.55	3.55	0.01	24.84	0.02	58.000	1.37	1.43	1.44
60.000	3.57	3.58	0.01	24.31	0.02	60.000	1.38	1.45	1.45

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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