

2 Way-180° Power Splitter/Combiner

ZSCJ-2-2

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
0.01	3.34	3.31	0.03	31.80	179.87	0.01	1.47	1.45	1.45
0.02	3.18	3.16	0.02	35.06	179.87	0.02	1.23	1.27	1.27
0.03	3.13	3.12	0.01	36.25	179.89	0.03	1.15	1.22	1.22
0.04	3.12	3.11	0.01	36.81	179.90	0.04	1.12	1.20	1.19
0.05	3.11	3.10	0.01	37.09	179.91	0.05	1.10	1.18	1.18
0.06	3.11	3.10	0.00	37.26	179.92	0.06	1.08	1.18	1.18
0.07	3.11	3.10	0.00	37.34	179.93	0.07	1.07	1.17	1.17
0.08	3.11	3.10	0.00	37.40	179.94	0.08	1.07	1.17	1.17
0.09	3.11	3.11	0.00	37.44	179.93	0.09	1.06	1.17	1.17
0.10	3.11	3.11	0.00	37.47	179.95	0.10	1.06	1.17	1.17
1.00	3.12	3.12	0.00	37.15	180.08	1.00	1.04	1.17	1.16
1.90	3.12	3.12	0.00	36.23	180.15	1.90	1.05	1.16	1.16
2.80	3.13	3.13	0.00	35.06	180.21	2.80	1.06	1.16	1.16
3.70	3.14	3.14	0.00	33.83	180.29	3.70	1.06	1.15	1.15
4.60	3.15	3.15	0.00	32.66	180.35	4.60	1.06	1.15	1.15
5.50	3.16	3.16	0.00	31.57	180.42	5.50	1.07	1.15	1.14
6.40	3.17	3.17	0.00	30.55	180.49	6.40	1.07	1.14	1.14
7.30	3.18	3.18	0.01	29.62	180.55	7.30	1.08	1.14	1.13
8.20	3.19	3.19	0.01	28.76	180.62	8.20	1.08	1.13	1.13
9.10	3.20	3.19	0.01	27.96	180.69	9.10	1.09	1.13	1.12
10.00	3.21	3.20	0.01	27.22	180.76	10.00	1.09	1.12	1.11
10.50	3.22	3.21	0.01	26.83	180.79	10.50	1.10	1.12	1.11
11.00	3.23	3.21	0.01	26.46	180.82	11.00	1.10	1.12	1.11
11.50	3.23	3.22	0.01	26.09	180.87	11.50	1.10	1.11	1.10
12.00	3.23	3.22	0.01	25.74	180.90	12.00	1.11	1.11	1.10
12.50	3.24	3.23	0.01	25.40	180.94	12.50	1.11	1.11	1.10
13.00	3.25	3.23	0.01	25.07	180.98	13.00	1.11	1.10	1.09
13.50	3.25	3.24	0.02	24.75	181.01	13.50	1.12	1.10	1.09
14.00	3.26	3.24	0.02	24.44	181.05	14.00	1.12	1.10	1.09
14.50	3.27	3.25	0.02	24.14	181.09	14.50	1.13	1.09	1.08
15.00	3.27	3.26	0.02	23.84	181.13	15.00	1.13	1.09	1.08
15.50	3.28	3.26	0.02	23.56	181.16	15.50	1.14	1.09	1.08
16.00	3.28	3.26	0.02	23.28	181.20	16.00	1.14	1.08	1.07
16.50	3.29	3.27	0.02	23.00	181.24	16.50	1.15	1.08	1.07
17.00	3.30	3.28	0.02	22.73	181.27	17.00	1.15	1.07	1.07
17.50	3.31	3.28	0.02	22.48	181.31	17.50	1.16	1.07	1.07
18.00	3.31	3.29	0.02	22.22	181.35	18.00	1.17	1.07	1.07
18.50	3.32	3.30	0.03	21.97	181.38	18.50	1.17	1.06	1.07
19.00	3.33	3.30	0.03	21.72	181.42	19.00	1.18	1.06	1.07
19.50	3.34	3.31	0.03	21.48	181.46	19.50	1.19	1.05	1.07
20.00	3.35	3.32	0.03	21.25	181.49	20.00	1.19	1.05	1.07

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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