

2 Way-0° Power Splitter/Combiner

ZASC-ED13568

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.3	3.08	3.08	0.00	25.69	0.01	0.3	1.03	1.10	1.10
0.4	3.08	3.09	0.01	26.05	0.02	0.4	1.03	1.10	1.09
0.5	3.08	3.09	0.01	26.27	0.01	0.5	1.03	1.09	1.09
0.6	3.07	3.09	0.01	26.39	0.00	0.6	1.03	1.09	1.09
0.7	3.07	3.09	0.01	26.50	0.00	0.7	1.03	1.09	1.08
0.8	3.07	3.08	0.01	26.58	0.02	0.8	1.03	1.09	1.08
0.9	3.07	3.08	0.01	26.67	0.01	0.9	1.03	1.08	1.08
1.0	3.07	3.08	0.01	26.75	0.02	1.0	1.03	1.08	1.08
2.0	3.07	3.08	0.01	27.24	0.00	2.0	1.03	1.07	1.07
3.0	3.07	3.07	0.01	27.44	0.00	3.0	1.03	1.07	1.07
4.0	3.07	3.07	0.01	27.49	0.00	4.0	1.03	1.07	1.06
5.0	3.07	3.08	0.01	27.50	0.00	5.0	1.03	1.07	1.06
6.0	3.07	3.08	0.01	27.49	0.00	6.0	1.03	1.07	1.06
7.0	3.08	3.08	0.00	27.47	0.00	7.0	1.03	1.06	1.06
8.0	3.08	3.08	0.01	27.44	0.01	8.0	1.03	1.06	1.06
9.0	3.08	3.08	0.01	27.39	0.01	9.0	1.03	1.06	1.06
10.0	3.09	3.09	0.00	27.37	0.02	10.0	1.03	1.06	1.06
12.0	3.09	3.09	0.00	27.29	0.01	12.0	1.03	1.06	1.06
14.0	3.09	3.10	0.00	27.20	0.00	14.0	1.03	1.06	1.06
16.0	3.10	3.10	0.00	27.11	0.00	16.0	1.03	1.06	1.06
18.0	3.10	3.10	0.00	27.02	0.00	18.0	1.04	1.06	1.06
20.0	3.11	3.11	0.00	26.92	0.00	20.0	1.04	1.06	1.06
22.0	3.11	3.11	0.00	26.82	0.01	22.0	1.04	1.06	1.06
24.0	3.11	3.11	0.00	26.71	0.01	24.0	1.04	1.06	1.06
26.0	3.12	3.12	0.00	26.61	0.01	26.0	1.05	1.06	1.06
28.0	3.12	3.12	0.00	26.50	0.02	28.0	1.05	1.06	1.06
30.0	3.12	3.12	0.00	26.39	0.02	30.0	1.05	1.06	1.06
32.0	3.13	3.13	0.00	26.27	0.02	32.0	1.06	1.06	1.06
34.0	3.13	3.13	0.00	26.16	0.03	34.0	1.06	1.06	1.06
36.0	3.14	3.13	0.00	26.05	0.02	36.0	1.06	1.06	1.05
38.0	3.14	3.14	0.00	25.92	0.04	38.0	1.06	1.06	1.05
40.0	3.14	3.14	0.00	25.81	0.04	40.0	1.07	1.06	1.05
45.0	3.15	3.15	0.01	25.51	0.05	45.0	1.07	1.05	1.05
50.0	3.16	3.15	0.01	25.21	0.06	50.0	1.08	1.05	1.05
55.0	3.16	3.16	0.01	24.91	0.07	55.0	1.09	1.05	1.05
60.0	3.17	3.16	0.01	24.61	0.08	60.0	1.09	1.05	1.05
70.0	3.18	3.17	0.01	24.03	0.11	70.0	1.11	1.05	1.05
80.0	3.19	3.18	0.01	23.46	0.12	80.0	1.12	1.04	1.05
90.0	3.21	3.20	0.01	22.93	0.13	90.0	1.13	1.04	1.04
100.0	3.22	3.21	0.01	22.44	0.15	100.0	1.15	1.04	1.04

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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