

2 Way-0° Power Splitter/Combiner

ZFSC-ED13708/1

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
0.3	3.26	3.26	0.00	25.33	0.01	0.3	1.13	1.32	1.32
0.5	3.23	3.23	0.00	28.51	0.02	0.5	1.11	1.23	1.23
0.7	3.21	3.21	0.00	30.53	0.02	0.7	1.10	1.19	1.19
1.0	3.19	3.19	0.00	32.48	0.01	1.0	1.10	1.17	1.17
5.0	3.15	3.14	0.00	36.57	0.02	5.0	1.11	1.11	1.11
10.0	3.15	3.15	0.00	36.71	0.02	10.0	1.11	1.10	1.10
20.0	3.17	3.17	0.00	36.13	0.02	20.0	1.12	1.10	1.10
30.0	3.18	3.18	0.00	35.07	0.03	30.0	1.12	1.10	1.10
35.0	3.19	3.19	0.00	34.52	0.02	35.0	1.12	1.10	1.10
40.0	3.20	3.19	0.01	33.90	0.03	40.0	1.12	1.10	1.10
47.0	3.20	3.20	0.01	33.12	0.03	47.0	1.13	1.10	1.10
49.0	3.21	3.20	0.01	32.92	0.03	49.0	1.13	1.10	1.10
51.0	3.21	3.20	0.01	32.69	0.04	51.0	1.13	1.10	1.10
53.0	3.21	3.20	0.01	32.46	0.04	53.0	1.13	1.10	1.10
55.0	3.21	3.20	0.01	32.27	0.04	55.0	1.13	1.09	1.10
57.0	3.21	3.21	0.01	32.07	0.04	57.0	1.13	1.09	1.10
59.0	3.21	3.21	0.01	31.87	0.04	59.0	1.13	1.09	1.10
61.0	3.22	3.21	0.01	31.68	0.03	61.0	1.13	1.09	1.09
63.0	3.22	3.21	0.01	31.49	0.04	63.0	1.13	1.09	1.09
65.0	3.22	3.21	0.01	31.32	0.04	65.0	1.13	1.09	1.09
67.0	3.22	3.21	0.01	31.15	0.04	67.0	1.13	1.09	1.09
70.0	3.22	3.22	0.01	30.87	0.04	70.0	1.14	1.09	1.09
75.0	3.23	3.22	0.01	30.41	0.05	75.0	1.14	1.09	1.09
80.0	3.23	3.23	0.01	29.98	0.05	80.0	1.14	1.09	1.09
100.0	3.25	3.25	0.01	28.44	0.07	100.0	1.15	1.09	1.09
125.0	3.27	3.27	0.00	26.90	0.07	125.0	1.16	1.08	1.09
150.0	3.29	3.29	0.00	25.74	0.09	150.0	1.17	1.08	1.08
175.0	3.31	3.31	0.00	24.81	0.09	175.0	1.18	1.07	1.07
200.0	3.33	3.33	0.01	24.07	0.11	200.0	1.18	1.07	1.06
225.0	3.34	3.35	0.01	23.54	0.10	225.0	1.19	1.06	1.05
250.0	3.36	3.37	0.01	23.18	0.10	250.0	1.18	1.05	1.04
275.0	3.37	3.39	0.02	22.99	0.11	275.0	1.18	1.04	1.03
300.0	3.39	3.41	0.03	22.97	0.09	300.0	1.17	1.03	1.02
325.0	3.40	3.44	0.03	23.18	0.09	325.0	1.15	1.03	1.02
350.0	3.42	3.46	0.04	23.67	0.06	350.0	1.13	1.03	1.03
375.0	3.43	3.48	0.05	24.44	0.05	375.0	1.10	1.05	1.05
400.0	3.45	3.51	0.06	25.69	0.01	400.0	1.07	1.07	1.08
450.0	3.52	3.60	0.08	31.32	0.10	450.0	1.05	1.13	1.14
500.0	3.64	3.74	0.10	37.34	0.26	500.0	1.18	1.21	1.23

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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