

4 Way-0° Power Splitter/Combiner

ZFSC-ED10377/1

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-3	S-4		1-2	1-3	3-4			S	1	2	3	4
0.2	6.46	6.46	6.46	6.46	0.00	30.26	25.35	30.16	0.06	0.2	1.23	1.45	1.45	1.45	1.45
0.3	6.45	6.45	6.45	6.44	0.01	32.29	27.51	32.17	0.04	0.3	1.17	1.34	1.33	1.33	1.33
0.4	6.43	6.43	6.43	6.44	0.01	33.47	28.81	33.31	0.03	0.4	1.14	1.28	1.28	1.28	1.28
0.5	6.42	6.41	6.41	6.41	0.01	34.24	29.73	34.06	0.00	0.5	1.12	1.25	1.25	1.25	1.25
0.6	6.40	6.39	6.40	6.40	0.00	34.86	30.45	34.66	0.04	0.6	1.11	1.23	1.23	1.23	1.23
0.7	6.39	6.39	6.39	6.39	0.00	35.36	31.05	35.15	0.02	0.7	1.10	1.21	1.21	1.21	1.21
0.8	6.38	6.38	6.38	6.37	0.01	35.83	31.56	35.59	0.04	0.8	1.09	1.20	1.20	1.20	1.20
0.9	6.37	6.36	6.37	6.36	0.01	36.22	32.01	35.96	0.03	0.9	1.09	1.19	1.19	1.19	1.19
1.0	6.36	6.35	6.36	6.36	0.01	36.56	32.39	36.29	0.02	1.0	1.08	1.18	1.18	1.18	1.18
5.5	6.31	6.31	6.31	6.32	0.01	40.77	36.79	40.67	0.04	5.5	1.03	1.10	1.10	1.10	1.10
10.0	6.31	6.31	6.31	6.31	0.00	41.44	37.22	41.40	0.03	10.0	1.03	1.09	1.09	1.09	1.09
88.0	6.39	6.39	6.38	6.39	0.01	35.93	34.45	35.95	0.08	88.0	1.09	1.09	1.09	1.09	1.09
166.0	6.45	6.46	6.46	6.46	0.01	31.89	31.47	31.92	0.26	166.0	1.16	1.10	1.09	1.09	1.09
244.0	6.54	6.53	6.54	6.54	0.01	29.70	29.17	29.73	0.29	244.0	1.22	1.11	1.10	1.10	1.10
322.0	6.61	6.61	6.61	6.63	0.02	28.62	27.41	28.63	0.42	322.0	1.27	1.12	1.11	1.11	1.11
400.0	6.69	6.68	6.69	6.70	0.02	28.39	26.08	28.41	0.53	400.0	1.30	1.13	1.12	1.12	1.12
450.0	6.74	6.72	6.74	6.75	0.02	28.65	25.39	28.70	0.59	450.0	1.31	1.13	1.12	1.13	1.12
500.0	6.81	6.78	6.80	6.81	0.03	29.32	24.83	29.39	0.66	500.0	1.31	1.14	1.13	1.14	1.12
550.0	6.84	6.80	6.83	6.84	0.04	30.34	24.32	30.50	0.76	550.0	1.30	1.14	1.14	1.14	1.12
600.0	6.92	6.89	6.90	6.91	0.03	31.93	23.96	32.32	0.81	600.0	1.29	1.14	1.14	1.15	1.12
680.0	7.02	6.97	6.98	6.99	0.04	35.53	23.50	37.54	0.97	680.0	1.25	1.14	1.15	1.16	1.13
760.0	7.11	7.07	7.07	7.07	0.05	36.75	23.24	43.54	1.25	760.0	1.21	1.15	1.16	1.17	1.13
840.0	7.26	7.20	7.20	7.19	0.07	32.23	23.22	34.27	1.52	840.0	1.16	1.16	1.18	1.18	1.13
920.0	7.47	7.42	7.41	7.36	0.11	28.65	23.47	29.33	1.88	920.0	1.13	1.17	1.21	1.21	1.14
1000.0	7.69	7.66	7.64	7.55	0.14	26.67	24.00	26.66	2.22	1000.0	1.12	1.20	1.25	1.25	1.16
1030.0	7.76	7.72	7.70	7.61	0.15	26.22	24.24	25.96	2.47	1030.0	1.12	1.21	1.27	1.27	1.18
1060.0	7.85	7.81	7.78	7.69	0.16	25.94	24.55	25.44	2.53	1060.0	1.12	1.23	1.30	1.29	1.19
1090.0	8.01	7.98	7.94	7.82	0.18	25.88	25.03	25.06	2.69	1090.0	1.11	1.24	1.32	1.31	1.20
1120.0	8.13	8.10	8.05	7.92	0.21	25.77	25.51	24.64	3.02	1120.0	1.11	1.26	1.35	1.34	1.22
1150.0	8.26	8.23	8.17	8.03	0.22	25.55	26.08	24.18	3.38	1150.0	1.10	1.27	1.37	1.37	1.24
1180.0	8.43	8.41	8.33	8.18	0.25	24.93	26.80	23.54	3.69	1180.0	1.08	1.29	1.40	1.39	1.26
1210.0	8.64	8.62	8.52	8.36	0.28	23.76	27.66	22.59	4.16	1210.0	1.06	1.30	1.43	1.42	1.28
1240.0	8.89	8.91	8.78	8.57	0.34	22.06	28.71	21.30	4.75	1240.0	1.05	1.32	1.45	1.45	1.31
1270.0	9.12	9.14	8.98	8.76	0.38	19.94	29.82	19.65	5.48	1270.0	1.06	1.33	1.47	1.47	1.34
1300.0	9.52	9.54	9.32	9.11	0.43	17.81	31.03	17.90	5.95	1300.0	1.11	1.34	1.48	1.49	1.37

¹Total Loss = Insertion Loss + 6dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
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IF/RF MICROWAVE COMPONENTS

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