

8 Way-0° Power Splitter/Combiner

ZFSC-8-1-75+

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-3	S-4	S-6	S-8		1-2	1-8	2-4	6-8			S	1	8
0.5	9.41	9.44	9.41	9.44	9.43	9.43	0.09	37.59	37.02	34.87	34.62	0.98	0.5	1.56	1.09	1.09
1.0	9.40	9.43	9.40	9.43	9.42	9.41	0.10	38.12	36.49	35.06	34.76	0.63	1.0	1.57	1.06	1.06
1.5	9.38	9.41	9.38	9.41	9.40	9.39	0.12	37.91	36.21	35.08	34.69	0.50	1.5	1.58	1.04	1.04
2.0	9.37	9.40	9.37	9.40	9.38	9.38	0.12	37.78	36.13	34.98	34.57	0.40	2.0	1.59	1.03	1.03
2.5	9.37	9.39	9.36	9.39	9.37	9.37	0.13	37.61	36.11	34.93	34.50	0.32	2.5	1.59	1.03	1.03
3.1	9.36	9.38	9.36	9.38	9.37	9.36	0.13	37.49	36.05	34.87	34.42	0.23	3.1	1.60	1.02	1.02
3.8	9.37	9.38	9.37	9.38	9.37	9.37	0.13	37.40	36.02	34.81	34.37	0.24	3.8	1.60	1.02	1.02
4.4	9.37	9.38	9.37	9.38	9.37	9.36	0.13	37.32	35.99	34.77	34.34	0.21	4.4	1.60	1.02	1.02
5.0	9.36	9.37	9.36	9.37	9.36	9.36	0.13	37.24	35.97	34.72	34.30	0.23	5.0	1.60	1.01	1.01
12.0	9.36	9.35	9.36	9.34	9.35	9.35	0.13	36.89	36.03	34.41	34.04	0.65	12.0	1.59	1.00	1.00
19.0	9.36	9.33	9.36	9.32	9.36	9.35	0.13	36.71	36.11	34.21	33.88	0.92	19.0	1.56	1.01	1.01
26.0	9.37	9.32	9.36	9.32	9.35	9.35	0.12	36.58	36.17	34.15	33.89	1.07	26.0	1.52	1.01	1.01
33.0	9.36	9.31	9.36	9.31	9.35	9.35	0.11	36.50	36.14	34.14	33.95	1.12	33.0	1.48	1.02	1.02
40.0	9.36	9.30	9.36	9.30	9.35	9.34	0.10	36.44	36.12	34.14	33.98	1.16	40.0	1.44	1.02	1.03
47.0	9.36	9.28	9.36	9.28	9.35	9.34	0.10	36.33	36.17	34.24	34.06	1.11	47.0	1.40	1.03	1.03
54.0	9.35	9.26	9.35	9.26	9.34	9.34	0.10	36.17	36.16	34.36	34.21	0.98	54.0	1.36	1.03	1.04
61.0	9.35	9.26	9.35	9.26	9.35	9.35	0.10	35.97	36.09	34.45	34.36	0.89	61.0	1.32	1.04	1.04
68.0	9.36	9.27	9.36	9.27	9.35	9.34	0.09	35.88	35.99	34.58	34.53	0.83	68.0	1.29	1.04	1.05
75.0	9.36	9.28	9.36	9.29	9.36	9.36	0.08	35.65	35.95	34.69	34.73	0.78	75.0	1.26	1.05	1.05
77.0	9.36	9.29	9.36	9.29	9.36	9.36	0.08	35.54	35.92	34.72	34.82	0.79	77.0	1.25	1.05	1.05
79.0	9.36	9.29	9.37	9.29	9.36	9.36	0.08	35.51	35.91	34.79	34.81	0.77	79.0	1.24	1.05	1.05
81.0	9.36	9.29	9.37	9.29	9.36	9.36	0.08	35.41	35.89	34.79	34.85	0.73	81.0	1.23	1.05	1.05
83.0	9.36	9.28	9.36	9.28	9.37	9.36	0.08	35.41	35.93	34.77	34.94	0.72	83.0	1.23	1.05	1.06
85.0	9.37	9.29	9.37	9.29	9.37	9.37	0.08	35.31	35.90	34.81	34.91	0.68	85.0	1.22	1.05	1.06
87.0	9.37	9.29	9.38	9.29	9.37	9.37	0.09	35.28	35.86	34.88	35.02	0.69	87.0	1.21	1.05	1.06
94.0	9.39	9.30	9.39	9.30	9.39	9.39	0.09	34.98	35.72	34.93	35.18	0.68	94.0	1.19	1.06	1.06
101.0	9.39	9.29	9.39	9.29	9.39	9.39	0.10	34.73	35.58	34.91	35.19	0.63	101.0	1.16	1.06	1.07
108.0	9.40	9.30	9.40	9.30	9.41	9.41	0.11	34.41	35.53	34.82	35.20	0.57	108.0	1.14	1.07	1.07
115.0	9.41	9.32	9.41	9.32	9.43	9.42	0.10	34.02	35.45	34.73	35.22	0.50	115.0	1.12	1.07	1.08
122.0	9.42	9.33	9.42	9.33	9.43	9.43	0.10	33.72	35.31	34.50	35.08	0.51	122.0	1.10	1.07	1.08
129.0	9.43	9.35	9.44	9.35	9.45	9.44	0.10	33.29	35.19	34.20	34.81	0.57	129.0	1.08	1.08	1.09
136.0	9.44	9.36	9.45	9.36	9.45	9.45	0.10	32.87	35.09	33.88	34.56	0.59	136.0	1.07	1.08	1.09
143.0	9.47	9.37	9.47	9.37	9.47	9.47	0.10	32.42	34.91	33.38	34.21	0.63	143.0	1.07	1.08	1.09
150.0	9.47	9.38	9.47	9.38	9.48	9.48	0.11	31.93	34.78	32.94	33.65	0.65	150.0	1.07	1.09	1.10
157.0	9.49	9.40	9.50	9.40	9.51	9.51	0.11	31.55	34.60	32.46	33.14	0.68	157.0	1.08	1.09	1.10
160.0	9.49	9.40	9.50	9.40	9.51	9.51	0.11	31.31	34.57	32.18	32.94	0.69	160.0	1.09	1.09	1.10
163.0	9.50	9.41	9.51	9.41	9.52	9.52	0.11	31.10	34.52	31.95	32.72	0.75	163.0	1.09	1.09	1.11
166.0	9.51	9.42	9.52	9.42	9.53	9.53	0.11	30.91	34.39	31.72	32.47	0.77	166.0	1.10	1.09	1.11
169.0	9.52	9.43	9.53	9.43	9.54	9.54	0.12	30.74	34.39	31.47	32.24	0.76	169.0	1.11	1.10	1.11
172.0	9.53	9.43	9.53	9.43	9.54	9.54	0.11	30.53	34.30	31.23	32.00	0.80	172.0	1.12	1.10	1.11
175.0	9.53	9.44	9.54	9.44	9.56	9.55	0.12	30.33	34.25	31.03	31.79	0.78	175.0	1.13	1.10	1.11

¹ Total Loss = Insertion Loss + 9dB Splitter Loss

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