

8 Way-0° Power Splitter/Combiner

ZFSC-8-6

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		1-3	1-8	2-4	6-8			S	1	8
0.010	9.30	9.30	9.30	9.29	9.30	9.30	0.01	36.48	42.26	38.75	39.78	0.10	0.010	1.21	1.22	1.23
0.018	9.25	9.25	9.25	9.25	9.25	9.25	0.00	38.62	45.71	39.54	39.95	0.05	0.018	1.17	1.14	1.14
0.026	9.24	9.24	9.24	9.24	9.24	9.24	0.00	39.38	47.48	39.80	39.94	0.04	0.026	1.16	1.10	1.10
0.034	9.23	9.23	9.23	9.23	9.23	9.23	0.00	39.71	48.51	39.90	39.88	0.03	0.034	1.15	1.09	1.09
0.042	9.23	9.23	9.23	9.23	9.23	9.23	0.00	39.87	49.14	39.95	39.83	0.03	0.042	1.15	1.08	1.08
0.050	9.23	9.23	9.23	9.23	9.23	9.23	0.00	39.96	49.57	39.97	39.79	0.02	0.050	1.15	1.07	1.07
0.060	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.02	49.92	39.98	39.76	0.02	0.060	1.15	1.07	1.07
0.070	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.07	50.17	39.99	39.74	0.02	0.070	1.15	1.06	1.06
0.080	9.23	9.23	9.23	9.23	9.23	9.22	0.00	40.11	50.33	40.00	39.74	0.02	0.080	1.15	1.06	1.06
0.090	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.14	50.48	40.02	39.74	0.02	0.090	1.15	1.06	1.06
0.100	9.23	9.23	9.23	9.23	9.22	9.23	0.00	40.17	50.57	40.04	39.75	0.02	0.100	1.15	1.06	1.06
0.280	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.36	51.03	40.19	39.81	0.03	0.280	1.15	1.05	1.05
0.460	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.38	51.02	40.19	39.81	0.04	0.460	1.15	1.05	1.05
0.640	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.35	51.00	40.16	39.76	0.05	0.640	1.15	1.05	1.05
0.820	9.23	9.23	9.23	9.23	9.23	9.23	0.00	40.27	50.95	40.09	39.68	0.05	0.820	1.15	1.05	1.05
1.000	9.24	9.24	9.24	9.24	9.24	9.24	0.00	40.16	50.92	40.00	39.59	0.06	1.000	1.15	1.05	1.05
1.400	9.24	9.24	9.24	9.24	9.24	9.24	0.00	39.87	50.87	39.76	39.32	0.07	1.400	1.16	1.05	1.05
1.800	9.25	9.25	9.25	9.25	9.25	9.26	0.00	39.55	50.83	39.47	39.01	0.09	1.800	1.16	1.05	1.05
2.200	9.27	9.27	9.27	9.26	9.27	9.27	0.00	39.21	50.77	39.17	38.70	0.11	2.200	1.16	1.05	1.05
2.600	9.28	9.28	9.28	9.28	9.28	9.28	0.00	38.89	50.68	38.86	38.39	0.12	2.600	1.17	1.05	1.05
3.000	9.29	9.29	9.29	9.29	9.29	9.29	0.00	38.58	50.58	38.56	38.10	0.12	3.000	1.17	1.05	1.05
3.400	9.30	9.30	9.30	9.30	9.30	9.30	0.00	38.28	50.46	38.27	37.82	0.14	3.400	1.17	1.05	1.04
3.800	9.31	9.31	9.31	9.31	9.31	9.32	0.00	38.00	50.32	38.00	37.56	0.15	3.800	1.18	1.04	1.04
4.200	9.33	9.33	9.33	9.32	9.33	9.33	0.00	37.74	50.16	37.73	37.30	0.16	4.200	1.18	1.04	1.04
4.600	9.34	9.34	9.34	9.34	9.34	9.34	0.00	37.49	50.01	37.49	37.06	0.17	4.600	1.18	1.04	1.04
5.000	9.35	9.35	9.35	9.35	9.35	9.35	0.00	37.24	49.82	37.23	36.83	0.19	5.000	1.18	1.04	1.04
5.300	9.36	9.36	9.36	9.36	9.36	9.36	0.00	37.06	49.70	37.05	36.66	0.19	5.300	1.18	1.04	1.04
5.600	9.37	9.37	9.37	9.36	9.37	9.37	0.01	36.90	49.55	36.89	36.50	0.21	5.600	1.19	1.04	1.04
5.900	9.37	9.37	9.37	9.37	9.37	9.38	0.00	36.73	49.40	36.72	36.34	0.21	5.900	1.19	1.04	1.04
6.200	9.38	9.38	9.38	9.38	9.38	9.38	0.00	36.57	49.27	36.55	36.18	0.22	6.200	1.19	1.04	1.04
6.500	9.39	9.39	9.39	9.39	9.39	9.39	0.00	36.41	49.13	36.39	36.03	0.23	6.500	1.19	1.04	1.04
6.800	9.40	9.40	9.40	9.39	9.40	9.40	0.01	36.26	48.97	36.23	35.88	0.24	6.800	1.19	1.04	1.04
7.100	9.40	9.40	9.40	9.40	9.41	9.41	0.01	36.10	48.84	36.08	35.73	0.24	7.100	1.19	1.04	1.04
7.400	9.41	9.41	9.41	9.41	9.41	9.41	0.01	35.95	48.68	35.92	35.58	0.25	7.400	1.19	1.04	1.04
7.700	9.42	9.42	9.42	9.42	9.42	9.42	0.01	35.81	48.55	35.77	35.44	0.26	7.700	1.19	1.04	1.04
8.000	9.43	9.43	9.43	9.42	9.43	9.43	0.00	35.66	48.40	35.62	35.30	0.27	8.000	1.20	1.04	1.04
8.400	9.43	9.43	9.44	9.43	9.44	9.44	0.01	35.48	48.22	35.43	35.12	0.28	8.400	1.20	1.04	1.04
8.800	9.44	9.44	9.44	9.44	9.45	9.45	0.01	35.29	48.02	35.24	34.94	0.29	8.800	1.20	1.04	1.04
9.200	9.45	9.45	9.45	9.45	9.45	9.46	0.01	35.11	47.85	35.05	34.76	0.30	9.200	1.20	1.04	1.05
9.600	9.46	9.46	9.46	9.46	9.46	9.47	0.01	34.93	47.65	34.86	34.59	0.31	9.600	1.20	1.05	1.05
10.000	9.47	9.47	9.47	9.47	9.47	9.47	0.01	34.76	47.47	34.68	34.41	0.33	10.000	1.20	1.05	1.05

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

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