

8 Way-0° Power Splitter/Combiner

ZFSC-8-4-75+

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
5	9.33	9.33	9.41	9.33	9.33	9.40	0.09	34.01	37.83	49.28	52.87	0.38	5	1.98	1.24	1.24
9	9.32	9.32	9.40	9.32	9.32	9.39	0.08	34.41	39.00	51.97	52.82	0.31	9	1.97	1.22	1.22
13	9.33	9.33	9.40	9.33	9.33	9.39	0.08	34.62	39.35	52.07	53.37	0.31	13	1.94	1.21	1.22
17	9.35	9.33	9.41	9.34	9.34	9.41	0.07	34.67	39.35	51.48	53.28	0.30	17	1.90	1.21	1.22
21	9.36	9.35	9.43	9.36	9.36	9.41	0.07	34.71	39.34	50.96	52.50	0.32	21	1.86	1.21	1.22
25	9.37	9.36	9.43	9.37	9.37	9.41	0.06	34.70	39.15	49.99	51.73	0.35	25	1.81	1.21	1.22
30	9.39	9.38	9.44	9.38	9.39	9.42	0.06	34.65	39.08	48.85	50.87	0.36	30	1.76	1.21	1.22
35	9.41	9.40	9.45	9.41	9.41	9.43	0.05	34.58	38.92	48.20	49.83	0.36	35	1.70	1.22	1.22
40	9.42	9.41	9.45	9.42	9.42	9.44	0.04	34.53	38.79	47.36	49.06	0.39	40	1.65	1.22	1.22
45	9.43	9.42	9.46	9.42	9.43	9.44	0.04	34.46	38.66	46.64	48.01	0.38	45	1.61	1.22	1.22
50	9.44	9.42	9.46	9.43	9.44	9.44	0.04	34.34	38.52	45.84	47.34	0.38	50	1.57	1.22	1.22
80	9.49	9.49	9.49	9.49	9.49	9.48	0.02	33.72	38.14	42.60	43.70	0.32	80	1.40	1.22	1.23
110	9.51	9.51	9.52	9.51	9.52	9.49	0.03	32.90	37.84	40.26	41.27	0.27	110	1.30	1.22	1.22
140	9.53	9.53	9.53	9.54	9.54	9.51	0.03	32.07	37.60	38.67	39.66	0.27	140	1.23	1.21	1.22
170	9.56	9.57	9.55	9.57	9.57	9.54	0.04	31.27	37.53	37.39	38.36	0.35	170	1.19	1.21	1.21
200	9.56	9.57	9.56	9.56	9.57	9.54	0.04	30.48	37.30	36.43	37.35	0.42	200	1.16	1.20	1.21
230	9.60	9.60	9.59	9.60	9.61	9.57	0.03	29.78	37.19	35.69	36.64	0.55	230	1.13	1.19	1.20
260	9.58	9.59	9.58	9.59	9.60	9.56	0.03	29.05	37.11	35.08	36.06	0.63	260	1.11	1.18	1.19
290	9.61	9.62	9.61	9.63	9.64	9.60	0.04	28.44	36.96	34.68	35.64	0.75	290	1.10	1.18	1.19
320	9.62	9.63	9.62	9.64	9.64	9.61	0.05	27.89	36.88	34.40	35.34	0.84	320	1.09	1.17	1.18
350	9.62	9.63	9.62	9.63	9.65	9.61	0.06	27.32	36.74	34.12	35.13	0.93	350	1.09	1.16	1.18
380	9.66	9.67	9.66	9.68	9.69	9.66	0.06	26.86	36.60	34.09	35.04	1.05	380	1.09	1.16	1.18
410	9.65	9.66	9.65	9.68	9.69	9.66	0.07	26.35	36.40	34.04	34.98	1.15	410	1.10	1.15	1.17
440	9.68	9.70	9.68	9.71	9.73	9.69	0.09	25.93	36.18	34.16	35.01	1.23	440	1.12	1.15	1.17
470	9.70	9.73	9.70	9.74	9.76	9.72	0.10	25.54	35.94	34.38	35.22	1.33	470	1.14	1.15	1.17
500	9.73	9.75	9.73	9.77	9.79	9.75	0.11	25.17	35.55	34.72	35.43	1.43	500	1.16	1.15	1.17
535	9.75	9.78	9.76	9.80	9.82	9.78	0.13	24.81	35.14	35.35	35.94	1.52	535	1.18	1.16	1.18
570	9.80	9.84	9.82	9.86	9.89	9.84	0.15	24.48	34.64	36.21	36.72	1.65	570	1.20	1.16	1.19
605	9.83	9.88	9.85	9.91	9.94	9.88	0.17	24.23	34.10	37.43	37.64	1.82	605	1.22	1.17	1.19
640	9.89	9.94	9.91	9.97	10.00	9.95	0.19	24.02	33.55	38.85	39.00	1.92	640	1.24	1.18	1.21
675	9.93	9.98	9.96	10.02	10.05	9.99	0.20	23.87	32.91	40.24	40.53	2.07	675	1.26	1.19	1.22
710	9.98	10.04	10.00	10.09	10.12	10.05	0.23	23.71	32.37	40.58	41.81	2.20	710	1.27	1.21	1.23
745	10.01	10.08	10.04	10.13	10.17	10.10	0.25	23.56	31.78	39.17	41.65	2.36	745	1.28	1.22	1.24
780	10.08	10.15	10.11	10.21	10.25	10.16	0.28	23.49	31.29	36.88	39.95	2.56	780	1.29	1.23	1.25
815	10.11	10.20	10.15	10.26	10.31	10.21	0.31	23.30	30.87	34.64	37.71	2.74	815	1.28	1.23	1.26
850	10.18	10.28	10.22	10.34	10.40	10.29	0.34	23.11	30.51	32.73	35.77	2.91	850	1.27	1.24	1.27
880	10.25	10.35	10.29	10.42	10.49	10.37	0.37	22.89	30.19	31.35	34.36	3.11	880	1.26	1.24	1.27
910	10.27	10.38	10.31	10.45	10.52	10.41	0.39	22.55	29.88	30.15	33.17	3.25	910	1.25	1.24	1.27
940	10.37	10.48	10.41	10.55	10.63	10.52	0.42	22.21	29.74	29.21	32.21	3.46	940	1.23	1.24	1.28
970	10.42	10.54	10.45	10.61	10.71	10.60	0.44	21.78	29.54	28.36	31.31	3.72	970	1.22	1.24	1.28
1000	10.51	10.63	10.55	10.71	10.83	10.71	0.49	21.33	29.44	27.66	30.65	3.97	1000	1.23	1.24	1.28

¹ Total Loss = Insertion Loss + 9dB Splitter Loss

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