

8 Way-0° Power Splitter/Combiner

ZFSC-84-75+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹						AMP. UNBAL. (dB)	ISOLATION				PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	(dB)							(dB)						(:1)		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	2-4	6-8			S	1	8
1.0	9.48	9.41	9.42	9.41	9.54	9.53	0.13	35.64	34.30	28.44	28.45	0.81	1.0	1.23	1.13	1.14
1.8	9.47	9.41	9.39	9.40	9.52	9.51	0.13	35.34	36.28	29.38	29.40	0.57	1.8	1.24	1.08	1.12
2.6	9.46	9.40	9.37	9.38	9.51	9.49	0.14	35.06	36.96	29.63	29.67	0.42	2.6	1.25	1.06	1.11
3.4	9.46	9.39	9.36	9.38	9.50	9.49	0.14	34.90	37.29	29.73	29.73	0.35	3.4	1.25	1.05	1.11
4.2	9.45	9.40	9.36	9.38	9.50	9.49	0.14	34.94	37.42	29.77	29.78	0.26	4.2	1.25	1.04	1.11
5.0	9.45	9.39	9.36	9.38	9.49	9.48	0.14	34.76	37.53	29.79	29.78	0.24	5.0	1.25	1.04	1.11
6.0	9.45	9.39	9.35	9.37	9.49	9.48	0.14	34.74	37.59	29.81	29.81	0.18	6.0	1.25	1.04	1.10
7.0	9.45	9.39	9.36	9.38	9.49	9.48	0.14	34.75	37.64	29.80	29.81	0.17	7.0	1.25	1.04	1.10
8.0	9.45	9.40	9.36	9.38	9.49	9.48	0.14	34.62	37.71	29.79	29.81	0.18	8.0	1.25	1.03	1.10
9.0	9.44	9.39	9.36	9.38	9.49	9.47	0.14	34.67	37.68	29.78	29.81	0.21	9.0	1.25	1.03	1.10
10.0	9.44	9.40	9.36	9.38	9.49	9.48	0.13	34.70	37.72	29.77	29.81	0.24	10.0	1.25	1.03	1.10
19.0	9.44	9.41	9.38	9.39	9.49	9.48	0.12	34.55	37.85	29.71	29.83	0.45	19.0	1.22	1.01	1.07
28.0	9.44	9.42	9.39	9.40	9.49	9.48	0.10	34.63	38.03	29.73	29.89	0.61	28.0	1.21	1.01	1.05
37.0	9.44	9.43	9.40	9.41	9.48	9.47	0.08	34.75	38.04	29.84	30.00	0.83	37.0	1.24	1.13	1.11
46.0	9.44	9.44	9.42	9.43	9.47	9.47	0.05	34.79	38.17	29.89	30.11	0.90	46.0	1.11	1.04	1.01
55.0	9.43	9.45	9.43	9.43	9.45	9.46	0.03	34.75	38.12	30.01	30.25	0.83	55.0	1.11	1.05	1.03
64.0	9.44	9.46	9.44	9.44	9.46	9.46	0.02	34.84	38.18	30.09	30.39	0.76	64.0	1.11	1.05	1.04
73.0	9.46	9.47	9.46	9.45	9.47	9.48	0.03	34.83	38.18	30.29	30.63	0.68	73.0	1.11	1.06	1.06
82.0	9.46	9.47	9.47	9.46	9.48	9.48	0.03	34.77	38.06	30.48	30.85	0.71	82.0	1.11	1.07	1.07
91.0	9.48	9.49	9.49	9.47	9.49	9.50	0.03	34.79	38.05	30.68	31.09	0.73	91.0	1.11	1.07	1.08
100.0	9.47	9.49	9.49	9.47	9.49	9.49	0.03	34.79	38.00	30.88	31.34	0.71	100.0	1.10	1.08	1.09
110.0	9.47	9.49	9.49	9.48	9.48	9.49	0.03	34.95	37.65	31.21	31.82	0.72	110.0	1.09	1.08	1.10
120.0	9.49	9.51	9.52	9.50	9.50	9.52	0.03	34.86	37.44	31.51	32.27	0.71	120.0	1.08	1.08	1.10
130.0	9.51	9.53	9.53	9.52	9.52	9.53	0.04	34.70	37.29	31.79	32.65	0.69	130.0	1.07	1.08	1.10
140.0	9.51	9.54	9.53	9.52	9.52	9.54	0.04	34.51	37.04	32.05	33.06	0.69	140.0	1.05	1.08	1.09
150.0	9.52	9.54	9.55	9.53	9.53	9.54	0.04	34.22	36.87	32.30	33.54	0.70	150.0	1.04	1.08	1.08
160.0	9.54	9.56	9.56	9.55	9.54	9.56	0.04	33.89	36.58	32.54	34.08	0.68	160.0	1.04	1.07	1.07
170.0	9.55	9.58	9.58	9.56	9.56	9.57	0.05	33.48	36.36	32.74	34.52	0.73	170.0	1.05	1.07	1.07
180.0	9.57	9.59	9.59	9.58	9.56	9.58	0.05	33.04	36.08	32.82	34.96	0.74	180.0	1.06	1.08	1.07
190.0	9.58	9.61	9.62	9.60	9.59	9.61	0.05	32.53	35.78	32.91	35.38	0.79	190.0	1.07	1.08	1.08
200.0	9.59	9.62	9.62	9.61	9.59	9.61	0.06	32.04	35.56	32.82	35.64	0.88	200.0	1.09	1.08	1.09
210.0	9.60	9.62	9.63	9.61	9.60	9.62	0.06	31.51	35.27	32.66	35.82	0.94	210.0	1.11	1.09	1.09
220.0	9.62	9.65	9.65	9.63	9.62	9.65	0.06	30.97	35.00	32.47	35.82	1.11	220.0	1.13	1.09	1.10
230.0	9.65	9.67	9.68	9.66	9.65	9.68	0.06	30.39	34.75	32.07	35.70	1.11	230.0	1.16	1.09	1.10
240.0	9.68	9.70	9.71	9.69	9.67	9.70	0.07	29.85	34.42	31.68	35.32	1.18	240.0	1.19	1.10	1.11
250.0	9.71	9.73	9.74	9.72	9.71	9.73	0.07	29.25	34.15	31.25	34.84	1.26	250.0	1.22	1.10	1.11
260.0	9.72	9.75	9.76	9.73	9.72	9.75	0.07	28.71	33.87	30.74	34.31	1.31	260.0	1.25	1.10	1.10
270.0	9.74	9.76	9.77	9.75	9.74	9.76	0.07	28.14	33.57	30.23	33.63	1.42	270.0	1.28	1.10	1.10
280.0	9.76	9.79	9.79	9.77	9.76	9.79	0.07	27.63	33.28	29.74	33.02	1.51	280.0	1.31	1.10	1.09
290.0	9.77	9.79	9.81	9.78	9.78	9.80	0.07	27.08	32.98	29.24	32.38	1.52	290.0	1.33	1.10	1.09
300.0	9.79	9.82	9.83	9.80	9.81	9.82	0.07	26.61	32.71	28.74	31.76	1.55	300.0	1.36	1.10	1.09

¹ Total Loss = Insertion Loss + 9dB Splitter Loss

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