

6 Way-0° Power Splitter/Combiner

ZFSC-6-1+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-3	S-5		1-2	1-3	1-6			S	1	3
1.0	8.08	8.08	8.09	0.03	46.12	47.26	45.41	0.06	1.0	1.07	1.08	1.08
1.8	8.12	8.11	8.12	0.03	43.61	43.66	45.88	0.03	1.8	1.07	1.06	1.06
2.6	8.13	8.14	8.14	0.03	41.89	41.83	46.00	0.11	2.6	1.07	1.05	1.05
3.4	8.15	8.16	8.17	0.03	40.88	40.88	46.04	0.07	3.4	1.07	1.05	1.05
4.2	8.17	8.17	8.19	0.03	40.23	40.25	45.92	0.11	4.2	1.08	1.04	1.04
5.0	8.19	8.19	8.20	0.03	39.73	39.76	45.89	0.06	5.0	1.08	1.04	1.04
6.0	8.20	8.20	8.22	0.03	39.26	39.33	45.86	0.09	6.0	1.08	1.04	1.04
7.0	8.21	8.21	8.23	0.03	38.87	38.96	45.74	0.16	7.0	1.08	1.04	1.04
8.0	8.22	8.23	8.23	0.03	38.61	38.66	45.69	0.07	8.0	1.09	1.04	1.04
9.0	8.23	8.23	8.24	0.04	38.32	38.39	45.62	0.14	9.0	1.09	1.04	1.04
10.0	8.24	8.23	8.25	0.03	38.09	38.16	45.64	0.12	10.0	1.09	1.04	1.04
13.0	8.26	8.25	8.26	0.03	37.46	37.56	45.47	0.24	13.0	1.10	1.04	1.04
16.0	8.27	8.27	8.27	0.03	36.90	37.02	45.23	0.22	16.0	1.11	1.03	1.03
19.0	8.28	8.28	8.28	0.04	36.37	36.54	44.99	0.25	19.0	1.12	1.03	1.03
22.0	8.29	8.29	8.30	0.03	35.88	36.04	44.79	0.24	22.0	1.12	1.02	1.02
25.0	8.30	8.30	8.31	0.03	35.41	35.56	44.63	0.37	25.0	1.13	1.02	1.02
28.0	8.30	8.31	8.32	0.03	34.94	35.11	44.31	0.31	28.0	1.14	1.02	1.02
34.0	8.32	8.33	8.32	0.03	34.07	34.26	44.03	0.38	34.0	1.15	1.02	1.02
40.0	8.34	8.35	8.34	0.03	33.28	33.46	43.60	0.43	40.0	1.16	1.02	1.02
46.0	8.35	8.36	8.35	0.03	32.54	32.72	43.09	0.56	46.0	1.17	1.02	1.02
52.0	8.38	8.37	8.37	0.03	31.86	32.09	42.63	0.61	52.0	1.18	1.02	1.03
58.0	8.38	8.38	8.37	0.03	31.24	31.46	42.31	0.65	58.0	1.19	1.02	1.03
64.0	8.40	8.39	8.39	0.03	30.69	30.90	41.95	0.67	64.0	1.20	1.02	1.03
70.0	8.40	8.39	8.39	0.02	30.17	30.40	41.57	0.74	70.0	1.21	1.03	1.03
76.0	8.41	8.41	8.40	0.03	29.69	29.93	41.13	0.83	76.0	1.22	1.03	1.03
82.0	8.42	8.42	8.41	0.02	29.26	29.50	40.91	0.97	82.0	1.22	1.03	1.04
88.0	8.45	8.45	8.42	0.03	28.88	29.12	40.56	0.93	88.0	1.23	1.03	1.04
89.8	8.46	8.45	8.43	0.04	28.76	29.00	40.43	0.98	89.8	1.23	1.03	1.04
91.5	8.46	8.46	8.44	0.03	28.67	28.90	40.38	1.02	91.5	1.23	1.03	1.04
93.3	8.47	8.47	8.45	0.03	28.55	28.80	40.28	1.01	93.3	1.23	1.03	1.04
95.0	8.48	8.47	8.44	0.04	28.45	28.71	40.25	1.00	95.0	1.23	1.03	1.04
103.0	8.51	8.51	8.47	0.04	28.02	28.28	39.85	1.12	103.0	1.23	1.02	1.03
111.0	8.51	8.52	8.48	0.04	27.63	27.89	39.49	1.28	111.0	1.24	1.02	1.03
119.0	8.51	8.52	8.48	0.04	27.29	27.54	39.19	1.32	119.0	1.24	1.01	1.02
127.0	8.51	8.52	8.46	0.05	26.98	27.25	38.92	1.30	127.0	1.24	1.01	1.02
135.0	8.51	8.53	8.48	0.05	26.72	26.99	38.70	1.42	135.0	1.25	1.00	1.01
143.0	8.53	8.54	8.48	0.06	26.48	26.77	38.49	1.46	143.0	1.26	1.01	1.01
151.0	8.56	8.57	8.51	0.06	26.27	26.57	38.27	1.64	151.0	1.26	1.02	1.01
159.0	8.59	8.59	8.53	0.07	26.09	26.39	38.07	1.68	159.0	1.27	1.02	1.02
167.0	8.61	8.62	8.55	0.08	25.94	26.24	37.97	1.76	167.0	1.27	1.03	1.02
175.0	8.66	8.67	8.59	0.08	25.82	26.13	37.80	1.91	175.0	1.26	1.03	1.03

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss

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