

3 Way-0° Power Splitter/Combiner

ZFSC-3-13

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		1-2	1-3	2-3			S	1	2	3
1.0	5.04	5.04	5.04	0.01	38.69	38.54	37.91	0.02	1.0	1.13	1.16	1.17	1.17
1.8	5.04	5.04	5.04	0.00	40.78	40.68	40.35	0.03	1.8	1.11	1.13	1.13	1.13
2.6	5.03	5.02	5.03	0.01	41.78	41.64	41.44	0.01	2.6	1.10	1.11	1.12	1.12
3.4	5.02	5.02	5.02	0.00	42.51	42.23	42.05	0.02	3.4	1.09	1.10	1.10	1.10
4.2	5.02	5.02	5.02	0.00	42.98	42.61	42.44	0.03	4.2	1.08	1.10	1.10	1.10
5.0	5.02	5.03	5.02	0.00	43.29	42.80	42.65	0.01	5.0	1.08	1.09	1.09	1.09
6.0	5.02	5.02	5.02	0.00	43.52	42.88	42.77	0.05	6.0	1.07	1.08	1.08	1.09
7.0	5.03	5.03	5.03	0.00	43.60	42.94	42.77	0.01	7.0	1.07	1.08	1.08	1.08
8.0	5.03	5.03	5.03	0.00	43.61	42.89	42.72	0.04	8.0	1.07	1.08	1.08	1.08
9.0	5.03	5.03	5.03	0.00	43.69	42.83	42.65	0.05	9.0	1.07	1.08	1.08	1.08
10.0	5.03	5.03	5.03	0.00	43.56	42.80	42.63	0.05	10.0	1.07	1.08	1.08	1.08
17.0	5.04	5.04	5.04	0.01	43.11	42.59	42.08	0.07	17.0	1.06	1.07	1.07	1.07
24.0	5.05	5.05	5.05	0.00	42.52	42.16	41.80	0.08	24.0	1.06	1.07	1.07	1.07
31.0	5.05	5.06	5.06	0.01	42.06	41.96	41.46	0.07	31.0	1.06	1.07	1.07	1.07
38.0	5.06	5.06	5.06	0.01	41.59	41.72	41.12	0.14	38.0	1.06	1.07	1.07	1.07
45.0	5.07	5.06	5.06	0.00	41.16	41.47	40.81	0.13	45.0	1.06	1.07	1.07	1.07
52.0	5.07	5.07	5.07	0.00	40.78	41.32	40.62	0.17	52.0	1.06	1.07	1.07	1.07
59.0	5.08	5.08	5.08	0.00	40.41	41.11	40.33	0.14	59.0	1.06	1.07	1.07	1.07
66.0	5.08	5.08	5.08	0.00	40.06	40.86	40.07	0.22	66.0	1.06	1.07	1.07	1.07
73.0	5.08	5.08	5.08	0.01	39.74	40.65	39.81	0.21	73.0	1.06	1.07	1.07	1.07
80.0	5.08	5.08	5.08	0.00	39.47	40.48	39.63	0.21	80.0	1.05	1.07	1.07	1.07
84.0	5.08	5.08	5.09	0.01	39.25	40.35	39.54	0.26	84.0	1.05	1.07	1.07	1.07
88.0	5.09	5.08	5.09	0.01	39.19	40.18	39.45	0.25	88.0	1.05	1.07	1.07	1.07
92.0	5.09	5.08	5.09	0.01	38.98	40.09	39.28	0.26	92.0	1.05	1.07	1.07	1.07
96.0	5.10	5.10	5.10	0.01	38.93	39.95	39.20	0.28	96.0	1.05	1.07	1.06	1.07
100.0	5.10	5.10	5.10	0.00	38.80	39.80	39.18	0.30	100.0	1.05	1.07	1.06	1.07
108.0	5.11	5.10	5.10	0.01	38.54	39.57	39.00	0.29	108.0	1.05	1.07	1.06	1.07
116.0	5.11	5.10	5.11	0.01	38.42	39.29	38.92	0.33	116.0	1.05	1.07	1.06	1.07
124.0	5.12	5.11	5.11	0.01	38.25	39.02	38.81	0.36	124.0	1.05	1.06	1.06	1.07
132.0	5.12	5.11	5.11	0.01	38.13	38.71	38.78	0.36	132.0	1.05	1.06	1.06	1.07
140.0	5.13	5.11	5.12	0.02	38.04	38.34	38.73	0.36	140.0	1.05	1.06	1.06	1.07
148.0	5.13	5.12	5.13	0.01	38.00	38.00	38.78	0.41	148.0	1.05	1.06	1.06	1.07
156.0	5.14	5.12	5.14	0.02	38.04	37.59	38.79	0.42	156.0	1.05	1.06	1.05	1.07
164.0	5.14	5.12	5.13	0.02	38.07	37.21	38.86	0.38	164.0	1.05	1.06	1.05	1.07
172.0	5.14	5.12	5.13	0.03	38.07	36.74	38.97	0.41	172.0	1.05	1.06	1.05	1.07
180.0	5.15	5.13	5.14	0.02	38.24	36.35	39.05	0.44	180.0	1.04	1.06	1.05	1.07
184.0	5.16	5.13	5.15	0.02	38.37	36.06	39.13	0.44	184.0	1.04	1.05	1.05	1.07
188.0	5.17	5.14	5.16	0.02	38.42	35.88	39.25	0.48	188.0	1.04	1.05	1.05	1.06
192.0	5.17	5.14	5.17	0.03	38.45	35.59	39.29	0.46	192.0	1.04	1.05	1.05	1.06
196.0	5.18	5.14	5.16	0.03	38.59	35.35	39.38	0.51	196.0	1.04	1.05	1.05	1.06
200.0	5.17	5.14	5.16	0.03	38.67	35.10	39.44	0.51	200.0	1.04	1.05	1.04	1.06

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

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