

3 Way-0° Power Splitter/Combiner

ZFSC-3-4+

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	5.10	5.09	5.10	0.01	33.57	32.78	33.29	0.07	1.0	1.20	1.18	1.18	1.18
1.8	5.07	5.06	5.08	0.01	32.86	32.31	32.53	0.01	1.8	1.17	1.15	1.15	1.15
2.6	5.04	5.04	5.05	0.01	32.54	32.17	32.33	0.04	2.6	1.16	1.14	1.14	1.14
3.4	5.03	5.02	5.02	0.01	32.45	32.16	32.28	0.03	3.4	1.15	1.14	1.14	1.14
4.2	5.02	5.02	5.02	0.00	32.41	32.18	32.26	0.06	4.2	1.15	1.13	1.13	1.13
5.0	5.02	5.01	5.01	0.01	32.36	32.18	32.23	0.09	5.0	1.15	1.13	1.13	1.13
6.0	5.02	5.01	5.01	0.01	32.35	32.21	32.25	0.05	6.0	1.14	1.13	1.13	1.13
7.0	5.00	5.01	5.01	0.01	32.31	32.19	32.24	0.06	7.0	1.14	1.13	1.13	1.13
8.0	5.00	5.01	5.01	0.01	32.28	32.20	32.24	0.07	8.0	1.14	1.13	1.13	1.13
9.0	5.01	5.02	5.00	0.01	32.27	32.21	32.23	0.09	9.0	1.14	1.13	1.13	1.13
10.0	5.01	5.02	5.01	0.01	32.25	32.20	32.23	0.08	10.0	1.14	1.13	1.13	1.13
49.0	5.09	5.04	5.08	0.04	31.38	31.57	31.47	0.14	49.0	1.15	1.13	1.14	1.13
88.0	5.10	5.10	5.10	0.00	29.87	30.21	30.03	0.39	88.0	1.18	1.14	1.15	1.14
127.0	5.16	5.17	5.16	0.01	28.28	28.76	28.53	0.18	127.0	1.22	1.16	1.16	1.16
166.0	5.17	5.18	5.16	0.02	26.85	27.42	27.14	0.29	166.0	1.27	1.17	1.18	1.18
205.0	5.34	5.30	5.32	0.04	25.69	26.31	26.01	0.30	205.0	1.31	1.19	1.19	1.20
244.0	5.27	5.23	5.24	0.04	24.51	25.17	24.87	0.59	244.0	1.36	1.21	1.21	1.21
283.0	5.43	5.40	5.40	0.03	23.76	24.46	24.14	0.31	283.0	1.40	1.23	1.23	1.23
322.0	5.38	5.37	5.35	0.02	22.85	23.58	23.24	0.64	322.0	1.44	1.25	1.25	1.25
361.0	5.47	5.44	5.43	0.04	22.37	23.12	22.78	0.36	361.0	1.48	1.27	1.27	1.27
400.0	5.56	5.50	5.51	0.06	21.80	22.56	22.24	0.58	400.0	1.52	1.28	1.29	1.29
420.0	5.50	5.42	5.43	0.07	21.53	22.31	21.97	0.54	420.0	1.53	1.29	1.30	1.29
440.0	5.51	5.41	5.45	0.11	21.40	22.18	21.86	0.43	440.0	1.54	1.30	1.30	1.30
460.0	5.66	5.65	5.59	0.07	21.37	22.18	21.85	0.40	460.0	1.56	1.31	1.31	1.31
480.0	5.61	5.57	5.54	0.07	21.12	21.93	21.60	0.97	480.0	1.56	1.32	1.32	1.32
500.0	5.62	5.48	5.54	0.15	21.02	21.83	21.51	0.48	500.0	1.57	1.32	1.33	1.32
530.0	5.60	5.55	5.49	0.10	20.95	21.79	21.48	0.44	530.0	1.58	1.33	1.34	1.33
560.0	5.70	5.61	5.60	0.11	20.99	21.84	21.54	0.76	560.0	1.57	1.34	1.35	1.34
590.0	5.68	5.53	5.56	0.15	20.99	21.88	21.58	0.43	590.0	1.57	1.35	1.36	1.34
620.0	5.63	5.59	5.50	0.13	21.14	22.07	21.76	0.66	620.0	1.55	1.36	1.36	1.35
650.0	5.68	5.51	5.54	0.18	21.41	22.39	22.08	0.82	650.0	1.53	1.36	1.37	1.35
680.0	5.71	5.56	5.54	0.17	21.79	22.83	22.53	0.52	680.0	1.50	1.37	1.37	1.35
710.0	5.60	5.49	5.43	0.17	22.20	23.34	23.02	0.76	710.0	1.46	1.37	1.37	1.35
740.0	5.65	5.42	5.46	0.23	22.90	24.17	23.83	0.92	740.0	1.42	1.36	1.37	1.35
770.0	5.76	5.60	5.56	0.20	23.90	25.36	24.95	0.56	770.0	1.36	1.36	1.36	1.34
800.0	5.52	5.33	5.31	0.20	24.69	26.47	25.94	1.01	800.0	1.30	1.35	1.35	1.33
840.0	5.73	5.48	5.49	0.25	26.54	29.10	28.02	0.95	840.0	1.22	1.34	1.33	1.30
880.0	5.57	5.36	5.33	0.24	27.31	30.51	28.51	0.98	880.0	1.15	1.31	1.30	1.27
920.0	5.82	5.52	5.56	0.31	26.02	28.21	26.35	1.45	920.0	1.16	1.28	1.26	1.24
960.0	5.86	5.61	5.59	0.28	22.98	24.19	22.90	1.16	960.0	1.29	1.24	1.22	1.19
1000.0	6.15	5.82	5.86	0.33	19.85	20.65	19.71	2.67	1000.0	1.51	1.19	1.16	1.14

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss