

# 3 Way-0° Power Splitter/Combiner

# ZFSC-3-4-75+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (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	5.05	5.05	5.05	0.00	30.83	31.08	29.50	0.03	1.0	1.10	1.26	1.27	1.27
1.8	5.03	5.03	5.03	0.01	33.92	34.11	32.70	0.05	1.8	1.07	1.19	1.20	1.20
2.6	5.02	5.01	5.01	0.01	35.64	35.66	34.49	0.05	2.6	1.05	1.16	1.17	1.17
3.4	5.00	5.00	4.99	0.01	36.48	36.41	35.49	0.03	3.4	1.05	1.15	1.15	1.15
4.2	5.00	4.98	5.00	0.02	36.92	36.71	36.08	0.04	4.2	1.04	1.14	1.14	1.14
5.0	4.99	4.98	4.98	0.01	37.22	36.96	36.62	0.03	5.0	1.04	1.13	1.14	1.14
6.0	4.98	4.97	4.98	0.01	37.35	37.04	36.81	0.04	6.0	1.03	1.13	1.13	1.13
7.0	4.98	4.98	4.98	0.00	37.49	37.09	37.06	0.06	7.0	1.03	1.13	1.13	1.13
8.0	4.98	4.97	4.97	0.01	37.48	37.11	37.14	0.06	8.0	1.03	1.13	1.13	1.13
9.0	4.98	4.98	4.98	0.00	37.50	37.06	37.27	0.02	9.0	1.03	1.12	1.12	1.12
10.0	4.97	4.97	4.98	0.01	37.49	37.02	37.30	0.04	10.0	1.02	1.12	1.12	1.12
49.0	5.00	4.99	5.00	0.01	35.67	35.44	36.19	0.04	49.0	1.02	1.12	1.12	1.12
88.0	5.02	5.02	5.01	0.01	33.90	33.96	34.56	0.09	88.0	1.02	1.12	1.11	1.12
127.0	5.04	5.04	5.04	0.00	32.23	32.37	32.81	0.12	127.0	1.01	1.11	1.11	1.11
166.0	5.05	5.04	5.06	0.01	30.71	30.92	31.22	0.13	166.0	1.02	1.11	1.11	1.11
205.0	5.08	5.06	5.08	0.02	29.38	29.68	29.88	0.20	205.0	1.02	1.11	1.11	1.11
244.0	5.08	5.06	5.08	0.02	28.25	28.57	28.74	0.20	244.0	1.02	1.11	1.11	1.11
283.0	5.10	5.08	5.11	0.03	27.28	27.63	27.82	0.32	283.0	1.02	1.11	1.11	1.11
322.0	5.12	5.08	5.10	0.04	26.47	26.83	26.97	0.38	322.0	1.02	1.12	1.11	1.12
361.0	5.14	5.10	5.14	0.04	25.73	26.13	26.28	0.46	361.0	1.03	1.13	1.12	1.13
400.0	5.16	5.10	5.16	0.06	25.09	25.51	25.65	0.41	400.0	1.03	1.14	1.13	1.14
420.0	5.15	5.10	5.16	0.06	24.80	25.22	25.36	0.42	420.0	1.04	1.15	1.13	1.15
440.0	5.17	5.11	5.17	0.06	24.53	24.94	25.09	0.43	440.0	1.04	1.16	1.14	1.15
460.0	5.20	5.14	5.20	0.07	24.28	24.71	24.85	0.41	460.0	1.05	1.16	1.15	1.16
480.0	5.20	5.11	5.20	0.09	24.02	24.47	24.61	0.52	480.0	1.05	1.17	1.16	1.17
500.0	5.22	5.13	5.21	0.09	23.79	24.25	24.41	0.55	500.0	1.06	1.18	1.16	1.18
530.0	5.24	5.14	5.23	0.10	23.47	23.95	24.09	0.48	530.0	1.07	1.20	1.17	1.20
560.0	5.26	5.16	5.26	0.10	23.19	23.66	23.83	0.55	560.0	1.08	1.21	1.19	1.21
590.0	5.30	5.18	5.30	0.13	22.91	23.42	23.58	0.59	590.0	1.09	1.23	1.20	1.23
620.0	5.31	5.17	5.31	0.13	22.68	23.19	23.37	0.67	620.0	1.10	1.25	1.22	1.25
650.0	5.36	5.21	5.36	0.15	22.45	23.00	23.18	0.65	650.0	1.12	1.27	1.24	1.27
680.0	5.39	5.24	5.39	0.16	22.26	22.84	23.05	0.73	680.0	1.14	1.29	1.25	1.29
710.0	5.41	5.22	5.41	0.19	22.12	22.71	22.92	0.77	710.0	1.15	1.31	1.27	1.31
740.0	5.47	5.29	5.47	0.18	21.97	22.64	22.87	0.74	740.0	1.17	1.34	1.29	1.34
770.0	5.53	5.32	5.54	0.21	21.94	22.64	22.87	0.86	770.0	1.19	1.37	1.31	1.36
800.0	5.55	5.31	5.54	0.24	21.94	22.67	22.91	0.83	800.0	1.21	1.39	1.33	1.39
840.0	5.65	5.39	5.65	0.27	21.98	22.75	23.04	0.87	840.0	1.23	1.43	1.37	1.42
880.0	5.68	5.38	5.66	0.30	22.17	23.01	23.36	0.87	880.0	1.25	1.47	1.40	1.46
920.0	5.78	5.44	5.76	0.34	22.40	23.35	23.77	0.88	920.0	1.26	1.51	1.43	1.50
960.0	5.85	5.48	5.83	0.37	22.78	23.88	24.33	0.90	960.0	1.26	1.55	1.46	1.54
1000.0	5.94	5.54	5.90	0.40	23.07	24.36	24.75	0.84	1000.0	1.26	1.58	1.49	1.58

<sup>1</sup> Total Loss = Insertion Loss + 4.8dB Splitter Loss