

3 Way-0° Power Splitter/Combiner

ZFSC-3-1+

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	5.02	5.02	5.02	0.00	35.42	35.35	35.32	0.03	1.0	1.11	1.15	1.15	1.15
1.8	5.02	5.03	5.03	0.01	35.45	35.33	35.82	0.03	1.8	1.09	1.10	1.10	1.10
2.6	5.01	5.02	5.02	0.01	35.57	35.46	36.10	0.01	2.6	1.08	1.08	1.08	1.08
3.4	5.01	5.02	5.01	0.00	35.75	35.63	36.28	0.00	3.4	1.07	1.07	1.07	1.07
4.2	5.01	5.02	5.01	0.01	35.93	35.81	36.47	0.03	4.2	1.06	1.07	1.07	1.07
5.0	5.00	5.01	5.01	0.00	36.01	35.89	36.56	0.03	5.0	1.06	1.06	1.06	1.07
6.0	5.01	5.01	5.01	0.00	36.18	36.06	36.72	0.09	6.0	1.06	1.06	1.06	1.06
7.0	5.02	5.02	5.01	0.00	36.31	36.18	36.81	0.07	7.0	1.05	1.06	1.06	1.06
8.0	5.02	5.02	5.02	0.00	36.43	36.27	36.90	0.06	8.0	1.05	1.06	1.06	1.06
9.0	5.01	5.03	5.03	0.01	36.46	36.31	36.96	0.12	9.0	1.05	1.06	1.06	1.06
10.0	5.02	5.02	5.03	0.01	36.50	36.38	36.98	0.10	10.0	1.05	1.06	1.06	1.06
29.0	5.06	5.06	5.07	0.01	36.29	36.24	36.32	0.26	29.0	1.05	1.06	1.06	1.06
48.0	5.08	5.08	5.08	0.01	35.19	35.26	34.86	0.44	48.0	1.06	1.06	1.06	1.06
67.0	5.09	5.09	5.10	0.01	33.88	34.07	33.28	0.56	67.0	1.07	1.06	1.06	1.07
86.0	5.11	5.11	5.12	0.00	32.65	32.90	31.84	0.75	86.0	1.09	1.06	1.07	1.07
105.0	5.15	5.15	5.16	0.01	31.50	31.82	30.55	0.91	105.0	1.11	1.07	1.07	1.08
124.0	5.16	5.15	5.16	0.01	30.45	30.83	29.38	1.09	124.0	1.13	1.07	1.08	1.08
143.0	5.16	5.15	5.16	0.01	29.55	29.96	28.40	1.16	143.0	1.14	1.07	1.08	1.09
162.0	5.18	5.16	5.18	0.01	28.76	29.17	27.53	1.29	162.0	1.16	1.08	1.09	1.09
181.0	5.25	5.22	5.25	0.02	28.12	28.54	26.82	1.49	181.0	1.18	1.08	1.09	1.10
200.0	5.29	5.27	5.29	0.02	27.53	27.93	26.18	1.61	200.0	1.19	1.08	1.10	1.11
210.0	5.27	5.25	5.27	0.03	27.21	27.63	25.83	1.67	210.0	1.20	1.08	1.10	1.11
220.0	5.24	5.22	5.25	0.03	26.92	27.33	25.52	1.71	220.0	1.21	1.09	1.10	1.11
230.0	5.24	5.21	5.24	0.04	26.67	27.10	25.25	1.75	230.0	1.21	1.09	1.10	1.12
240.0	5.26	5.21	5.25	0.05	26.46	26.88	24.98	1.82	240.0	1.22	1.09	1.11	1.12
250.0	5.28	5.23	5.26	0.06	26.28	26.69	24.76	1.91	250.0	1.23	1.09	1.11	1.12
270.0	5.35	5.29	5.34	0.06	25.97	26.38	24.40	2.10	270.0	1.24	1.10	1.11	1.13
290.0	5.42	5.36	5.42	0.06	25.73	26.12	24.09	2.17	290.0	1.25	1.10	1.12	1.14
310.0	5.33	5.25	5.30	0.08	25.41	25.80	23.71	2.16	310.0	1.26	1.10	1.12	1.15
330.0	5.36	5.27	5.32	0.10	25.34	25.69	23.53	2.26	330.0	1.26	1.11	1.12	1.15
350.0	5.42	5.30	5.38	0.12	25.31	25.67	23.41	2.43	350.0	1.26	1.11	1.13	1.16
370.0	5.51	5.39	5.48	0.12	25.37	25.73	23.40	2.52	370.0	1.26	1.12	1.13	1.17
390.0	5.46	5.33	5.42	0.14	25.38	25.74	23.33	2.50	390.0	1.26	1.12	1.13	1.17
410.0	5.42	5.25	5.35	0.16	25.49	25.85	23.33	2.52	410.0	1.25	1.12	1.13	1.18
430.0	5.52	5.32	5.43	0.20	25.75	26.16	23.53	2.54	430.0	1.25	1.13	1.13	1.18
450.0	5.57	5.37	5.50	0.20	25.97	26.51	23.79	2.80	450.0	1.24	1.13	1.12	1.19
460.0	5.60	5.38	5.52	0.22	26.05	26.65	23.93	2.94	460.0	1.23	1.13	1.12	1.19
470.0	5.57	5.35	5.49	0.22	26.08	26.78	24.04	3.14	470.0	1.23	1.13	1.12	1.19
480.0	5.54	5.29	5.43	0.25	26.04	26.87	24.15	3.28	480.0	1.22	1.13	1.12	1.19
490.0	5.55	5.28	5.43	0.27	26.00	26.98	24.29	3.41	490.0	1.22	1.14	1.12	1.19
500.0	5.60	5.31	5.47	0.29	25.91	27.09	24.49	3.49	500.0	1.22	1.14	1.12	1.19

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss