

2 Way-0° Power Splitter/Combiner

ZFSC-2-2+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
10.0	3.15	3.14	0.01	26.42	0.03	10.0	1.08	1.15	1.15
19.0	3.14	3.15	0.00	26.49	0.01	19.0	1.08	1.15	1.15
28.0	3.15	3.16	0.01	26.48	0.03	28.0	1.08	1.15	1.15
37.0	3.13	3.14	0.01	26.85	0.03	37.0	1.08	1.15	1.15
46.0	3.14	3.14	0.00	28.07	0.09	46.0	1.08	1.14	1.14
55.0	3.16	3.15	0.01	29.63	0.06	55.0	1.09	1.13	1.13
64.0	3.17	3.17	0.01	31.11	0.01	64.0	1.09	1.12	1.12
73.0	3.17	3.17	0.00	32.61	0.02	73.0	1.09	1.11	1.12
82.0	3.16	3.17	0.01	34.12	0.00	82.0	1.09	1.11	1.11
91.0	3.17	3.18	0.01	35.74	0.13	91.0	1.09	1.11	1.11
100.0	3.18	3.17	0.01	37.54	0.11	100.0	1.10	1.11	1.11
130.0	3.18	3.19	0.01	45.87	0.00	130.0	1.11	1.11	1.11
160.0	3.21	3.22	0.01	57.73	0.12	160.0	1.12	1.11	1.12
190.0	3.20	3.20	0.01	43.74	0.12	190.0	1.13	1.12	1.12
220.0	3.25	3.28	0.03	39.11	0.03	220.0	1.15	1.13	1.13
250.0	3.24	3.23	0.01	36.19	0.22	250.0	1.16	1.13	1.14
280.0	3.26	3.27	0.01	34.20	0.03	280.0	1.18	1.14	1.15
310.0	3.29	3.31	0.02	32.63	0.15	310.0	1.19	1.15	1.16
340.0	3.25	3.25	0.01	31.32	0.22	340.0	1.21	1.16	1.17
370.0	3.36	3.36	0.00	30.37	0.18	370.0	1.22	1.17	1.18
400.0	3.30	3.32	0.02	29.44	0.02	400.0	1.23	1.18	1.19
420.0	3.30	3.34	0.04	28.93	0.22	420.0	1.24	1.18	1.19
440.0	3.36	3.35	0.01	28.52	0.33	440.0	1.25	1.19	1.20
460.0	3.35	3.35	0.00	28.10	0.03	460.0	1.25	1.19	1.21
480.0	3.34	3.39	0.05	27.79	0.15	480.0	1.26	1.19	1.21
500.0	3.37	3.38	0.01	27.48	0.37	500.0	1.27	1.20	1.22
540.0	3.36	3.38	0.03	26.97	0.09	540.0	1.28	1.21	1.23
580.0	3.40	3.42	0.02	26.68	0.39	580.0	1.29	1.21	1.24
620.0	3.39	3.45	0.06	26.48	0.14	620.0	1.29	1.22	1.24
660.0	3.45	3.45	0.00	26.48	0.31	660.0	1.29	1.23	1.25
700.0	3.44	3.50	0.06	26.61	0.08	700.0	1.29	1.23	1.26
740.0	3.44	3.45	0.00	26.90	0.76	740.0	1.29	1.23	1.26
780.0	3.47	3.56	0.09	27.51	0.06	780.0	1.28	1.24	1.27
820.0	3.47	3.50	0.03	28.28	0.87	820.0	1.26	1.24	1.27
860.0	3.53	3.60	0.07	29.64	0.09	860.0	1.25	1.24	1.28
900.0	3.50	3.54	0.04	31.36	0.87	900.0	1.23	1.24	1.28
920.0	3.58	3.61	0.04	32.75	0.35	920.0	1.21	1.24	1.28
940.0	3.59	3.68	0.08	34.52	0.52	940.0	1.20	1.24	1.28
960.0	3.64	3.71	0.06	36.82	0.58	960.0	1.19	1.23	1.28
980.0	3.58	3.65	0.06	40.07	0.55	980.0	1.17	1.23	1.28
1000.0	3.63	3.71	0.08	45.49	0.51	1000.0	1.15	1.23	1.28

¹Total Loss = Insertion Loss + 3dB Splitter Loss

