

2 Way-0° Power Splitter/Combiner

ZFSC-2-1-75+

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	1	2
0.3	3.23	3.23	0.00	19.70	0.01	0.3	1.18	1.49	1.49
1.1	3.20	3.20	0.00	32.56	0.02	1.1	1.10	1.17	1.17
1.5	3.19	3.19	0.00	34.02	0.04	1.5	1.10	1.16	1.16
1.8	3.18	3.18	0.00	34.82	0.02	1.8	1.10	1.15	1.15
2.2	3.18	3.18	0.00	35.26	0.03	2.2	1.10	1.15	1.14
2.5	3.17	3.17	0.01	35.51	0.02	2.5	1.10	1.14	1.14
4.0	3.16	3.16	0.00	35.97	0.01	4.0	1.10	1.13	1.12
5.0	3.16	3.16	0.00	36.07	0.05	5.0	1.10	1.12	1.12
6.0	3.15	3.15	0.00	36.11	0.00	6.0	1.10	1.12	1.12
7.0	3.17	3.16	0.00	36.15	0.02	7.0	1.10	1.12	1.12
8.0	3.16	3.16	0.00	36.19	0.02	8.0	1.10	1.12	1.11
9.0	3.17	3.16	0.01	36.18	0.08	9.0	1.10	1.12	1.11
10.0	3.16	3.17	0.00	36.19	0.01	10.0	1.10	1.12	1.11
24.0	3.17	3.17	0.01	35.85	0.00	24.0	1.10	1.11	1.11
38.0	3.19	3.18	0.01	35.33	0.06	38.0	1.10	1.11	1.11
52.0	3.20	3.20	0.00	34.72	0.04	52.0	1.10	1.12	1.11
66.0	3.21	3.20	0.00	33.99	0.08	66.0	1.10	1.12	1.11
80.0	3.21	3.21	0.00	33.28	0.12	80.0	1.10	1.12	1.12
94.0	3.21	3.21	0.01	32.50	0.01	94.0	1.10	1.12	1.12
108.0	3.21	3.22	0.01	31.81	0.13	108.0	1.10	1.12	1.12
122.0	3.22	3.23	0.01	31.13	0.06	122.0	1.11	1.12	1.12
136.0	3.22	3.22	0.00	30.53	0.05	136.0	1.11	1.12	1.12
150.0	3.22	3.23	0.01	29.91	0.12	150.0	1.12	1.12	1.12
161.0	3.24	3.24	0.00	29.48	0.05	161.0	1.12	1.12	1.12
172.0	3.24	3.24	0.00	29.08	0.14	172.0	1.12	1.12	1.13
183.0	3.24	3.26	0.01	28.69	0.09	183.0	1.12	1.13	1.13
194.0	3.25	3.26	0.01	28.27	0.12	194.0	1.12	1.13	1.13
205.0	3.24	3.26	0.01	27.90	0.08	205.0	1.12	1.13	1.13
216.0	3.23	3.27	0.04	27.54	0.14	216.0	1.12	1.14	1.13
227.0	3.25	3.27	0.02	27.21	0.07	227.0	1.12	1.14	1.14
238.0	3.24	3.26	0.02	26.88	0.18	238.0	1.13	1.15	1.14
249.0	3.25	3.28	0.03	26.60	0.05	249.0	1.13	1.15	1.14
260.0	3.25	3.28	0.03	26.30	0.12	260.0	1.14	1.15	1.14
265.0	3.26	3.29	0.03	26.17	0.13	265.0	1.14	1.15	1.14
270.0	3.26	3.29	0.02	26.03	0.10	270.0	1.14	1.15	1.15
275.0	3.26	3.29	0.03	25.92	0.17	275.0	1.14	1.15	1.15
280.0	3.25	3.29	0.03	25.76	0.07	280.0	1.14	1.15	1.15
285.0	3.27	3.29	0.03	25.66	0.13	285.0	1.14	1.15	1.15
290.0	3.25	3.29	0.04	25.53	0.14	290.0	1.14	1.15	1.15
295.0	3.27	3.30	0.04	25.40	0.08	295.0	1.14	1.15	1.15
300.0	3.27	3.31	0.04	25.30	0.12	300.0	1.14	1.16	1.16

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss