

2 Way-0° Power Splitter/Combiner

ZFSC-2-1W+

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
1.0	3.27	3.27	0.00	31.01	0.01	1.0	1.10	1.22	1.21
2.0	3.21	3.21	0.01	34.91	0.06	2.0	1.09	1.18	1.18
3.0	3.19	3.19	0.00	36.54	0.02	3.0	1.08	1.17	1.17
4.0	3.18	3.17	0.01	37.52	0.03	4.0	1.08	1.17	1.17
5.0	3.17	3.16	0.01	38.19	0.02	5.0	1.08	1.17	1.16
6.0	3.16	3.16	0.00	38.53	0.01	6.0	1.08	1.16	1.16
7.0	3.17	3.16	0.01	38.85	0.04	7.0	1.08	1.16	1.16
8.0	3.16	3.16	0.01	38.92	0.02	8.0	1.08	1.16	1.16
9.0	3.17	3.16	0.00	38.87	0.02	9.0	1.08	1.16	1.16
10.0	3.16	3.16	0.00	38.65	0.14	10.0	1.08	1.16	1.16
39.0	3.20	3.19	0.00	28.75	0.11	39.0	1.11	1.16	1.16
68.0	3.19	3.19	0.01	26.38	0.07	68.0	1.12	1.14	1.14
97.0	3.23	3.23	0.00	25.75	0.09	97.0	1.13	1.15	1.15
126.0	3.23	3.22	0.02	25.43	0.08	126.0	1.12	1.15	1.15
155.0	3.22	3.22	0.00	25.29	0.12	155.0	1.13	1.14	1.13
184.0	3.28	3.28	0.01	25.18	0.09	184.0	1.16	1.16	1.15
213.0	3.26	3.25	0.01	25.12	0.14	213.0	1.18	1.18	1.18
242.0	3.25	3.23	0.02	25.03	0.17	242.0	1.16	1.18	1.17
271.0	3.33	3.31	0.02	24.97	0.20	271.0	1.17	1.16	1.16
300.0	3.30	3.30	0.00	24.94	0.18	300.0	1.20	1.19	1.19
375.0	3.38	3.35	0.03	25.00	0.25	375.0	1.18	1.18	1.17
380.0	3.38	3.35	0.03	24.99	0.24	380.0	1.18	1.18	1.17
385.0	3.35	3.33	0.02	24.97	0.23	385.0	1.19	1.18	1.18
390.0	3.33	3.30	0.03	24.98	0.27	390.0	1.19	1.19	1.18
395.0	3.30	3.28	0.02	24.95	0.21	395.0	1.20	1.20	1.19
400.0	3.30	3.27	0.03	24.96	0.19	400.0	1.21	1.20	1.20
430.0	3.35	3.32	0.03	25.06	0.30	430.0	1.21	1.22	1.21
460.0	3.39	3.36	0.03	25.18	0.22	460.0	1.16	1.18	1.17
490.0	3.34	3.30	0.04	25.24	0.28	490.0	1.15	1.16	1.15
520.0	3.38	3.34	0.05	25.33	0.31	520.0	1.16	1.18	1.17
550.0	3.41	3.36	0.05	25.42	0.31	550.0	1.13	1.16	1.14
580.0	3.39	3.35	0.04	25.38	0.33	580.0	1.09	1.12	1.10
610.0	3.43	3.38	0.05	25.30	0.43	610.0	1.10	1.13	1.11
640.0	3.49	3.43	0.06	25.07	0.36	640.0	1.09	1.13	1.11
670.0	3.50	3.44	0.06	24.65	0.41	670.0	1.04	1.09	1.07
700.0	3.49	3.43	0.07	23.99	0.54	700.0	1.08	1.11	1.09
710.0	3.55	3.48	0.07	23.78	0.48	710.0	1.09	1.12	1.11
720.0	3.60	3.53	0.07	23.56	0.45	720.0	1.09	1.13	1.12
730.0	3.65	3.58	0.07	23.32	0.59	730.0	1.09	1.14	1.12
740.0	3.68	3.60	0.08	23.09	0.54	740.0	1.08	1.14	1.12
750.0	3.67	3.61	0.07	22.79	0.58	750.0	1.07	1.13	1.11

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss