

2 Way-0° Power Splitter/Combiner

ZFSC-2-2500+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
10.0	3.53	3.53	0.00	20.79	0.01	10.0	1.99	1.66	1.66
20.0	3.54	3.54	0.00	21.16	0.02	20.0	1.99	1.66	1.66
30.0	3.54	3.54	0.00	21.24	0.01	30.0	1.99	1.66	1.66
40.0	3.55	3.55	0.00	21.32	0.02	40.0	1.98	1.66	1.66
50.0	3.55	3.55	0.00	21.35	0.02	50.0	1.98	1.66	1.66
60.0	3.55	3.55	0.00	21.40	0.02	60.0	1.98	1.66	1.66
70.0	3.55	3.55	0.00	21.44	0.03	70.0	1.98	1.66	1.66
80.0	3.56	3.56	0.00	21.48	0.03	80.0	1.98	1.66	1.66
90.0	3.56	3.56	0.00	21.50	0.03	90.0	1.98	1.67	1.67
100.0	3.56	3.56	0.00	21.52	0.04	100.0	1.98	1.67	1.67
200.0	3.58	3.58	0.00	21.59	0.06	200.0	1.96	1.66	1.66
300.0	3.59	3.59	0.00	21.48	0.10	300.0	1.95	1.66	1.66
400.0	3.60	3.60	0.00	21.19	0.11	400.0	1.93	1.64	1.64
500.0	3.60	3.60	0.00	20.78	0.15	500.0	1.90	1.62	1.63
600.0	3.60	3.60	0.00	20.35	0.16	600.0	1.87	1.60	1.61
700.0	3.59	3.59	0.00	19.97	0.19	700.0	1.84	1.58	1.59
800.0	3.59	3.58	0.01	19.69	0.23	800.0	1.80	1.56	1.56
900.0	3.59	3.58	0.01	19.46	0.26	900.0	1.76	1.54	1.54
1000.0	3.58	3.57	0.01	19.28	0.30	1000.0	1.71	1.52	1.52
1050.0	3.58	3.57	0.01	19.21	0.33	1050.0	1.69	1.51	1.51
1100.0	3.57	3.56	0.01	19.14	0.36	1100.0	1.66	1.49	1.49
1150.0	3.57	3.56	0.01	19.11	0.39	1150.0	1.64	1.48	1.48
1200.0	3.57	3.55	0.01	19.08	0.40	1200.0	1.62	1.47	1.47
1250.0	3.56	3.55	0.01	19.08	0.44	1250.0	1.59	1.46	1.46
1300.0	3.56	3.55	0.01	19.10	0.46	1300.0	1.57	1.44	1.44
1350.0	3.56	3.54	0.02	19.12	0.49	1350.0	1.54	1.44	1.43
1400.0	3.56	3.54	0.01	19.22	0.54	1400.0	1.51	1.42	1.41
1450.0	3.55	3.54	0.02	19.32	0.56	1450.0	1.49	1.41	1.39
1500.0	3.55	3.54	0.02	19.48	0.61	1500.0	1.46	1.39	1.38
1550.0	3.55	3.54	0.01	19.66	0.65	1550.0	1.43	1.38	1.36
1600.0	3.55	3.53	0.02	19.90	0.70	1600.0	1.41	1.36	1.34
1650.0	3.55	3.53	0.01	20.18	0.72	1650.0	1.38	1.34	1.32
1700.0	3.55	3.53	0.02	20.55	0.78	1700.0	1.36	1.33	1.30
1750.0	3.55	3.54	0.01	20.98	0.83	1750.0	1.33	1.31	1.28
1800.0	3.55	3.54	0.01	21.53	0.87	1800.0	1.30	1.29	1.26
1850.0	3.55	3.54	0.01	22.20	0.93	1850.0	1.28	1.27	1.23
1900.0	3.55	3.55	0.01	23.02	0.97	1900.0	1.25	1.25	1.21
1950.0	3.55	3.55	0.00	24.05	1.03	1950.0	1.22	1.22	1.19
2000.0	3.55	3.56	0.01	25.39	1.06	2000.0	1.19	1.20	1.16
2050.0	3.56	3.57	0.01	27.08	1.10	2050.0	1.17	1.18	1.14
2100.0	3.56	3.58	0.01	29.40	1.14	2100.0	1.14	1.15	1.11
2150.0	3.57	3.59	0.02	32.99	1.16	2150.0	1.11	1.13	1.09
2200.0	3.58	3.61	0.03	39.20	1.20	2200.0	1.09	1.10	1.07
2250.0	3.59	3.62	0.03	42.92	1.20	2250.0	1.06	1.08	1.04
2300.0	3.60	3.64	0.04	34.36	1.21	2300.0	1.04	1.06	1.02
2350.0	3.62	3.67	0.05	29.55	1.22	2350.0	1.01	1.04	1.00
2400.0	3.64	3.69	0.05	26.21	1.19	2400.0	1.01	1.02	1.02
2450.0	3.66	3.72	0.06	23.82	1.18	2450.0	1.04	1.01	1.04
2500.0	3.68	3.75	0.07	21.83	1.16	2500.0	1.06	1.02	1.06

¹Total Loss = Insertion Loss + 3dB Splitter Loss

