

2 Way-0° Power Splitter/Combiner

ZFSC-2-372+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
10.0	3.53	3.53	0.00	18.72	0.00	10.0	1.99	1.56	1.56
20.0	3.53	3.53	0.00	18.72	0.02	20.0	1.99	1.56	1.56
30.0	3.53	3.54	0.00	18.69	0.00	30.0	1.99	1.56	1.56
40.0	3.54	3.54	0.00	18.69	0.00	40.0	1.99	1.56	1.56
50.0	3.54	3.54	0.00	18.68	0.00	50.0	1.99	1.56	1.56
60.0	3.54	3.54	0.00	18.69	0.00	60.0	1.99	1.56	1.56
70.0	3.54	3.54	0.00	18.71	0.00	70.0	1.98	1.56	1.56
80.0	3.54	3.54	0.00	18.72	0.00	80.0	1.98	1.56	1.56
90.0	3.55	3.54	0.00	18.74	0.00	90.0	1.98	1.56	1.56
100.0	3.55	3.55	0.00	18.75	0.01	100.0	1.98	1.56	1.56
200.0	3.55	3.55	0.00	18.86	0.00	200.0	1.96	1.56	1.56
300.0	3.55	3.55	0.00	18.94	0.01	300.0	1.94	1.55	1.55
400.0	3.54	3.54	0.01	18.97	0.00	400.0	1.91	1.54	1.54
500.0	3.53	3.52	0.01	18.94	0.00	500.0	1.87	1.52	1.52
600.0	3.51	3.50	0.01	18.86	0.01	600.0	1.83	1.49	1.49
700.0	3.49	3.48	0.01	18.79	0.00	700.0	1.78	1.47	1.47
800.0	3.47	3.46	0.01	18.75	0.01	800.0	1.74	1.44	1.44
900.0	3.45	3.43	0.02	18.75	0.01	900.0	1.68	1.41	1.41
1000.0	3.43	3.41	0.01	18.74	0.02	1000.0	1.63	1.38	1.38
1100.0	3.41	3.39	0.02	18.72	0.01	1100.0	1.58	1.35	1.35
1200.0	3.39	3.37	0.02	18.71	0.02	1200.0	1.53	1.32	1.32
1300.0	3.38	3.36	0.02	18.70	0.03	1300.0	1.48	1.29	1.29
1400.0	3.37	3.34	0.02	18.68	0.02	1400.0	1.43	1.26	1.26
1500.0	3.36	3.33	0.03	18.65	0.02	1500.0	1.39	1.23	1.23
1600.0	3.36	3.33	0.03	18.63	0.02	1600.0	1.35	1.21	1.21
1700.0	3.37	3.33	0.04	18.66	0.02	1700.0	1.32	1.18	1.18
1800.0	3.38	3.33	0.05	18.70	0.01	1800.0	1.30	1.16	1.16
1900.0	3.39	3.34	0.06	18.78	0.01	1900.0	1.29	1.14	1.14
2000.0	3.41	3.34	0.06	18.96	0.01	2000.0	1.28	1.12	1.12
2100.0	3.43	3.35	0.08	19.16	0.03	2100.0	1.28	1.10	1.10
2200.0	3.45	3.37	0.09	19.52	0.05	2200.0	1.29	1.09	1.08
2300.0	3.49	3.39	0.10	20.03	0.08	2300.0	1.30	1.07	1.07
2400.0	3.52	3.42	0.10	20.75	0.10	2400.0	1.32	1.06	1.06
2500.0	3.56	3.44	0.11	21.76	0.16	2500.0	1.34	1.05	1.07
2600.0	3.59	3.48	0.11	23.20	0.22	2600.0	1.37	1.06	1.09
2700.0	3.63	3.51	0.12	25.24	0.30	2700.0	1.39	1.08	1.12
2800.0	3.67	3.55	0.12	28.08	0.38	2800.0	1.41	1.12	1.16
2900.0	3.71	3.59	0.12	31.67	0.49	2900.0	1.42	1.16	1.21
3000.0	3.75	3.63	0.12	32.34	0.61	3000.0	1.45	1.21	1.27
3100.0	3.79	3.67	0.12	28.81	0.70	3100.0	1.47	1.26	1.33
3200.0	3.83	3.72	0.11	25.41	0.76	3200.0	1.49	1.32	1.39
3300.0	3.88	3.77	0.11	22.92	0.83	3300.0	1.51	1.38	1.46
3400.0	3.92	3.82	0.10	21.03	0.85	3400.0	1.53	1.44	1.52
3500.0	3.97	3.88	0.10	19.61	0.82	3500.0	1.55	1.51	1.59
3600.0	4.04	3.93	0.11	18.46	0.71	3600.0	1.58	1.57	1.65
3700.0	4.10	4.00	0.11	17.55	0.54	3700.0	1.61	1.63	1.70

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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