

2 Way-0° Power Splitter/Combiner

ZFSC-2-5

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
10.00	3.30	3.31	0.01	30.88	0.08	10.00	1.15	1.19	1.19
21.25	3.31	3.32	0.00	30.23	0.02	21.25	1.09	1.15	1.15
32.50	3.29	3.28	0.01	29.25	0.03	32.50	1.07	1.13	1.13
43.75	3.27	3.27	0.01	28.81	0.10	43.75	1.05	1.12	1.12
55.00	3.26	3.27	0.00	28.93	0.05	55.00	1.04	1.12	1.12
66.25	3.26	3.26	0.00	29.57	0.02	66.25	1.02	1.13	1.12
77.50	3.26	3.26	0.00	30.44	0.06	77.50	1.03	1.14	1.13
88.75	3.27	3.27	0.00	31.19	0.01	88.75	1.06	1.14	1.14
100.00	3.27	3.27	0.00	31.11	0.07	100.00	1.07	1.15	1.15
181.25	3.28	3.29	0.01	26.13	0.26	181.25	1.10	1.10	1.10
262.50	3.30	3.33	0.03	26.12	0.05	262.50	1.02	1.14	1.14
343.75	3.34	3.36	0.02	26.91	0.18	343.75	1.11	1.10	1.10
425.00	3.37	3.38	0.02	25.72	0.06	425.00	1.09	1.10	1.11
506.25	3.38	3.38	0.00	24.81	0.01	506.25	1.15	1.08	1.08
587.50	3.44	3.42	0.02	26.18	0.28	587.50	1.11	1.10	1.11
668.75	3.48	3.47	0.01	27.67	0.14	668.75	1.14	1.06	1.05
750.00	3.51	3.51	0.00	25.38	0.08	750.00	1.11	1.09	1.10
833.33	3.50	3.50	0.00	29.75	0.03	833.33	1.18	1.07	1.07
916.66	3.57	3.59	0.02	29.76	0.38	916.66	1.17	1.07	1.08
1000.00	3.65	3.62	0.03	32.57	0.30	1000.00	1.21	1.06	1.06
1083.33	3.68	3.64	0.04	27.71	0.27	1083.33	1.16	1.09	1.09
1166.67	3.78	3.74	0.04	29.23	0.16	1166.67	1.17	1.06	1.06
1250.00	3.80	3.77	0.04	32.41	0.32	1250.00	1.14	1.05	1.06
1333.33	3.88	3.84	0.03	25.84	0.42	1333.33	1.14	1.08	1.07
1416.67	3.95	3.86	0.09	24.83	0.59	1416.67	1.11	1.06	1.05
1500.00	4.11	4.05	0.06	23.60	0.32	1500.00	1.12	1.05	1.05

¹Total Loss = Insertion Loss + 3dB Splitter Loss

