

# 2 Way-0° Power Splitter/Combiner

# ZESC-2-11+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
10.00	3.52	3.52	0.00	17.85	0.03	10.00	1.99	1.57	1.58
20.00	3.48	3.48	0.01	18.89	0.05	20.00	1.99	1.57	1.58
30.00	3.52	3.53	0.02	18.82	0.10	30.00	1.99	1.56	1.57
40.00	3.57	3.58	0.01	18.60	0.03	40.00	1.99	1.55	1.56
50.00	3.58	3.58	0.00	18.34	0.03	50.00	1.99	1.54	1.54
60.00	3.53	3.51	0.02	18.09	0.02	60.00	1.99	1.53	1.53
70.00	3.44	3.45	0.01	17.86	0.03	70.00	1.99	1.52	1.52
80.00	3.44	3.44	0.00	17.74	0.00	80.00	1.99	1.51	1.52
90.00	3.49	3.49	0.01	17.67	0.07	90.00	1.98	1.51	1.51
100.00	3.56	3.56	0.00	17.65	0.05	100.00	1.98	1.50	1.51
150.00	3.55	3.55	0.00	17.24	0.03	150.00	1.97	1.49	1.49
200.00	3.56	3.57	0.01	17.38	0.05	200.00	1.97	1.49	1.49
250.00	3.56	3.56	0.01	17.13	0.10	250.00	1.96	1.49	1.49
300.00	3.52	3.53	0.01	17.47	0.01	300.00	1.95	1.49	1.49
350.00	3.61	3.62	0.01	17.35	0.03	350.00	1.94	1.50	1.50
400.00	3.49	3.49	0.00	17.59	0.05	400.00	1.93	1.50	1.50
450.00	3.60	3.61	0.02	17.67	0.02	450.00	1.92	1.50	1.51
500.00	3.46	3.48	0.02	17.79	0.00	500.00	1.91	1.51	1.52
550.00	3.49	3.50	0.01	18.01	0.05	550.00	1.89	1.51	1.52
600.00	3.56	3.57	0.01	18.17	0.06	600.00	1.88	1.52	1.53
650.00	3.43	3.44	0.02	18.32	0.05	650.00	1.86	1.52	1.53
700.00	3.58	3.60	0.01	18.65	0.00	700.00	1.85	1.53	1.54
750.00	3.42	3.43	0.01	18.69	0.11	750.00	1.83	1.53	1.54
800.00	3.50	3.51	0.01	19.11	0.02	800.00	1.81	1.54	1.55
850.00	3.53	3.56	0.03	19.27	0.02	850.00	1.79	1.54	1.55
900.00	3.39	3.42	0.02	19.61	0.07	900.00	1.77	1.55	1.56
950.00	3.55	3.60	0.04	19.87	0.07	950.00	1.75	1.56	1.56
1000.00	3.37	3.39	0.02	20.21	0.00	1000.00	1.73	1.56	1.57
1050.00	3.44	3.48	0.04	20.45	0.13	1050.00	1.70	1.56	1.57
1100.00	3.47	3.52	0.05	21.02	0.04	1100.00	1.68	1.56	1.58
1150.00	3.30	3.32	0.02	21.03	0.08	1150.00	1.65	1.57	1.58
1200.00	3.53	3.58	0.05	21.75	0.03	1200.00	1.62	1.57	1.59
1250.00	3.28	3.34	0.06	21.74	0.15	1250.00	1.60	1.57	1.59
1300.00	3.44	3.50	0.06	22.39	0.09	1300.00	1.56	1.58	1.59
1400.00	3.35	3.43	0.08	22.89	0.16	1400.00	1.50	1.58	1.59
1500.00	3.35	3.43	0.09	23.20	0.09	1500.00	1.44	1.58	1.60
1600.00	3.44	3.54	0.10	23.12	0.18	1600.00	1.38	1.57	1.60
1700.00	3.51	3.63	0.12	22.61	0.01	1700.00	1.32	1.57	1.60
1800.00	3.42	3.55	0.13	21.71	0.05	1800.00	1.25	1.56	1.59
1900.00	3.37	3.50	0.14	20.60	0.08	1900.00	1.18	1.55	1.58
2000.00	3.33	3.50	0.17	19.39	0.25	2000.00	1.11	1.54	1.57

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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