

2 Way-0° Power Splitter/Combiner

ZAPD-ED13005/3

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
10.0	3.45	3.47	0.01	20.17	0.01	10.0	1.03	1.51	1.50
20.0	3.46	3.47	0.01	21.15	0.04	20.0	1.02	1.47	1.46
30.0	3.46	3.48	0.01	21.27	0.04	30.0	1.02	1.47	1.46
40.0	3.47	3.48	0.01	21.29	0.06	40.0	1.02	1.46	1.46
50.0	3.48	3.49	0.01	21.30	0.06	50.0	1.03	1.46	1.46
60.0	3.48	3.49	0.01	21.28	0.05	60.0	1.03	1.46	1.45
70.0	3.48	3.50	0.02	21.29	0.06	70.0	1.04	1.46	1.45
80.0	3.49	3.50	0.02	21.30	0.07	80.0	1.04	1.46	1.45
90.0	3.49	3.51	0.02	21.32	0.09	90.0	1.05	1.45	1.45
100.0	3.49	3.51	0.02	21.36	0.10	100.0	1.05	1.45	1.45
150.0	3.51	3.53	0.02	21.54	0.12	150.0	1.08	1.44	1.44
200.0	3.52	3.54	0.02	21.73	0.16	200.0	1.10	1.44	1.43
250.0	3.53	3.55	0.02	22.08	0.18	250.0	1.13	1.42	1.42
300.0	3.54	3.56	0.02	22.46	0.19	300.0	1.15	1.41	1.41
350.0	3.55	3.57	0.02	23.01	0.24	350.0	1.18	1.40	1.40
400.0	3.56	3.57	0.01	23.54	0.29	400.0	1.19	1.39	1.39
450.0	3.57	3.59	0.01	24.25	0.24	450.0	1.21	1.38	1.38
500.0	3.59	3.61	0.01	24.93	0.42	500.0	1.22	1.38	1.37
550.0	3.61	3.61	0.00	25.87	0.35	550.0	1.24	1.37	1.36
600.0	3.63	3.65	0.02	26.62	0.40	600.0	1.24	1.36	1.35
650.0	3.65	3.65	0.00	27.88	0.58	650.0	1.24	1.35	1.34
700.0	3.68	3.67	0.01	28.73	0.43	700.0	1.24	1.34	1.33
750.0	3.69	3.70	0.02	30.15	0.59	750.0	1.23	1.33	1.32
800.0	3.71	3.69	0.02	31.42	0.67	800.0	1.22	1.32	1.30
850.0	3.72	3.72	0.00	32.61	0.58	850.0	1.21	1.30	1.30
900.0	3.72	3.72	0.01	33.87	0.86	900.0	1.19	1.29	1.28
950.0	3.75	3.74	0.01	35.03	0.78	950.0	1.18	1.28	1.28
1000.0	3.76	3.74	0.01	34.12	0.88	1000.0	1.17	1.27	1.27
1100.0	3.79	3.77	0.02	31.90	1.13	1100.0	1.16	1.25	1.25
1200.0	3.83	3.82	0.01	29.63	1.35	1200.0	1.16	1.23	1.23
1300.0	3.88	3.89	0.01	27.88	1.42	1300.0	1.17	1.21	1.20
1375.0	3.93	3.93	0.00	26.68	1.48	1375.0	1.18	1.20	1.19
1400.0	3.93	3.95	0.01	26.66	1.44	1400.0	1.19	1.20	1.18
1500.0	3.98	4.00	0.02	25.54	1.52	1500.0	1.21	1.18	1.16
1600.0	4.05	4.07	0.02	24.59	1.67	1600.0	1.22	1.17	1.15
1700.0	4.10	4.12	0.02	24.26	1.76	1700.0	1.22	1.15	1.14
1800.0	4.12	4.14	0.02	24.09	1.94	1800.0	1.22	1.14	1.13
1900.0	4.14	4.16	0.02	24.16	2.09	1900.0	1.21	1.13	1.13
2000.0	4.15	4.16	0.01	24.50	2.21	2000.0	1.20	1.12	1.13
2100.0	4.13	4.11	0.02	25.30	2.44	2100.0	1.19	1.12	1.12
2200.0	4.09	4.08	0.02	25.18	2.66	2200.0	1.16	1.11	1.12
2300.0	4.10	4.11	0.01	24.48	2.83	2300.0	1.14	1.11	1.12
2400.0	4.15	4.18	0.03	24.20	2.69	2400.0	1.11	1.12	1.11
2500.0	4.27	4.30	0.03	24.30	2.46	2500.0	1.09	1.14	1.12
2600.0	4.43	4.41	0.02	23.76	2.51	2600.0	1.08	1.18	1.15
2700.0	4.58	4.49	0.09	23.77	2.70	2700.0	1.08	1.24	1.20
2750.0	4.68	4.66	0.02	22.98	3.86	2750.0	1.07	1.29	1.23
2800.0	4.71	4.58	0.13	24.53	3.01	2800.0	1.06	1.31	1.25
2900.0	4.78	4.59	0.20	24.96	3.41	2900.0	1.03	1.37	1.29
3000.0	4.78	4.52	0.25	25.40	3.73	3000.0	1.05	1.44	1.34
3020.0	4.69	4.51	0.18	26.16	4.66	3020.0	1.06	1.45	1.35
3040.0	4.69	4.65	0.04	27.76	4.33	3040.0	1.08	1.46	1.36
3060.0	4.78	4.69	0.09	27.51	3.27	3060.0	1.10	1.48	1.37
3080.0	4.82	4.56	0.26	26.60	3.45	3080.0	1.13	1.49	1.38
3100.0	4.73	4.46	0.27	27.14	4.48	3100.0	1.15	1.50	1.39
3120.0	4.63	4.51	0.13	28.57	4.69	3120.0	1.18	1.51	1.41
3140.0	4.68	4.60	0.08	28.34	3.97	3140.0	1.21	1.52	1.43
3160.0	4.80	4.62	0.19	27.43	3.43	3160.0	1.25	1.55	1.45
3180.0	4.83	4.53	0.30	27.66	3.96	3180.0	1.29	1.56	1.46
3200.0	4.75	4.49	0.25	28.62	4.65	3200.0	1.33	1.57	1.48
3220.0	4.73	4.59	0.15	28.69	4.35	3220.0	1.37	1.59	1.50
3240.0	4.86	4.67	0.19	27.94	3.68	3240.0	1.42	1.62	1.53
3260.0	4.97	4.66	0.30	27.65	3.89	3260.0	1.47	1.65	1.56
3280.0	4.98	4.69	0.29	27.86	4.57	3280.0	1.52	1.67	1.59
3300.0	5.04	4.82	0.22	28.24	4.39	3300.0	1.58	1.69	1.62

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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