

2 Way-0° Power Splitter/Combiner

ADP-ED12390/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1.00	3.54	3.52	0.02	18.83	0.04	1.00	1.24	1.46	1.48
5.00	3.36	3.34	0.02	25.45	0.02	5.00	1.12	1.16	1.17
10.00	3.34	3.32	0.02	26.60	0.00	10.00	1.09	1.11	1.12
15.00	3.35	3.33	0.02	26.72	0.01	15.00	1.09	1.10	1.11
20.00	3.35	3.33	0.02	26.62	0.01	20.00	1.08	1.09	1.10
25.00	3.36	3.34	0.02	26.55	0.01	25.00	1.08	1.09	1.10
30.00	3.36	3.34	0.02	26.48	0.01	30.00	1.08	1.09	1.10
35.00	3.37	3.34	0.02	26.45	0.01	35.00	1.08	1.09	1.10
40.00	3.37	3.35	0.02	26.38	0.00	40.00	1.08	1.09	1.10
45.00	3.38	3.35	0.03	26.38	0.01	45.00	1.08	1.09	1.10
50.00	3.38	3.36	0.02	26.38	0.00	50.00	1.08	1.09	1.10
55.00	3.38	3.36	0.02	26.37	0.00	55.00	1.08	1.09	1.10
60.00	3.39	3.36	0.02	26.40	0.01	60.00	1.08	1.09	1.10
70.00	3.39	3.37	0.02	26.40	0.01	70.00	1.08	1.09	1.10
80.00	3.40	3.38	0.02	26.39	0.00	80.00	1.08	1.09	1.10
90.00	3.40	3.38	0.02	26.41	0.03	90.00	1.08	1.09	1.10
100.00	3.41	3.39	0.02	26.43	0.02	100.00	1.08	1.09	1.10
200.00	3.46	3.45	0.01	26.42	0.13	200.00	1.08	1.09	1.09
300.00	3.54	3.54	0.00	26.53	0.28	300.00	1.08	1.08	1.09
400.00	3.70	3.71	0.01	28.58	0.40	400.00	1.07	1.11	1.12
500.00	3.68	3.68	0.01	29.55	0.53	500.00	1.06	1.12	1.12
600.00	3.70	3.71	0.01	28.73	0.62	600.00	1.07	1.11	1.11
700.00	3.74	3.75	0.01	28.36	0.76	700.00	1.08	1.11	1.11
800.00	3.85	3.86	0.01	28.91	0.80	800.00	1.08	1.13	1.12
900.00	3.97	3.99	0.02	29.94	0.90	900.00	1.10	1.15	1.14
925.00	4.00	4.01	0.01	30.23	0.88	925.00	1.11	1.16	1.14
950.00	4.04	4.05	0.01	30.53	0.86	950.00	1.11	1.17	1.14
975.00	4.07	4.09	0.02	31.00	0.89	975.00	1.12	1.17	1.15
1000.00	4.11	4.12	0.01	31.40	0.87	1000.00	1.13	1.17	1.15
1025.00	4.14	4.16	0.01	31.55	0.84	1025.00	1.14	1.18	1.16
1050.00	4.19	4.20	0.01	31.54	0.88	1050.00	1.15	1.19	1.16
1075.00	4.23	4.24	0.01	31.31	0.85	1075.00	1.16	1.20	1.17
1100.00	4.28	4.30	0.02	30.66	0.84	1100.00	1.18	1.20	1.18
1150.00	4.40	4.41	0.01	28.45	0.78	1150.00	1.22	1.22	1.19
1200.00	4.54	4.56	0.02	25.83	0.78	1200.00	1.26	1.22	1.21
1250.00	4.74	4.76	0.02	23.34	0.67	1250.00	1.32	1.25	1.24
1300.00	4.97	5.00	0.03	20.97	0.59	1300.00	1.39	1.25	1.27
1425.00	5.84	5.88	0.04	16.02	0.35	1425.00	1.67	1.32	1.39
1550.00	7.10	7.17	0.07	12.35	0.01	1550.00	2.11	1.39	1.55
1675.00	8.95	9.07	0.12	9.70	0.56	1675.00	2.77	1.52	1.73
1800.00	11.68	11.88	0.20	7.89	1.18	1800.00	3.67	1.72	1.89

¹ Total Loss = Insertion Loss + 3dB Splitter Loss