

2 Way-0° Power Splitter/Combiner

ADP-ED10239/1

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
0.1	4.42	4.42	0.00	16.52	0.04	0.1	2.86	3.73	3.73
0.2	3.64	3.64	0.00	18.54	0.05	0.2	1.71	2.08	2.07
0.4	3.50	3.50	0.00	21.47	0.01	0.4	1.35	1.53	1.53
0.6	3.48	3.47	0.01	23.19	0.05	0.6	1.26	1.38	1.38
0.8	3.47	3.47	0.00	24.56	0.01	0.8	1.22	1.31	1.31
1.0	3.45	3.46	0.01	25.71	0.03	1.0	1.20	1.26	1.26
2.0	3.39	3.39	0.01	29.81	0.05	2.0	1.15	1.16	1.16
3.0	3.35	3.36	0.01	32.21	0.03	3.0	1.13	1.12	1.12
4.0	3.34	3.34	0.01	33.80	0.10	4.0	1.12	1.10	1.10
5.0	3.34	3.33	0.01	34.92	0.01	5.0	1.11	1.08	1.08
10.0	3.33	3.33	0.00	37.06	0.01	10.0	1.10	1.05	1.05
30.0	3.34	3.34	0.00	36.65	0.05	30.0	1.09	1.04	1.04
50.0	3.35	3.36	0.01	35.98	0.05	50.0	1.09	1.04	1.04
70.0	3.37	3.36	0.00	35.63	0.07	70.0	1.09	1.05	1.05
100.0	3.38	3.38	0.00	35.55	0.14	100.0	1.09	1.05	1.05
200.0	3.41	3.40	0.00	35.72	0.32	200.0	1.08	1.05	1.05
300.0	3.44	3.44	0.01	36.36	0.36	300.0	1.08	1.06	1.05
400.0	3.47	3.49	0.02	36.00	0.49	400.0	1.08	1.07	1.06
500.0	3.54	3.55	0.01	32.72	0.50	500.0	1.08	1.09	1.08
600.0	3.61	3.62	0.01	28.26	0.41	600.0	1.07	1.09	1.10
640.0	3.63	3.63	0.01	26.78	0.46	640.0	1.07	1.09	1.10
680.0	3.64	3.65	0.00	25.53	0.41	680.0	1.07	1.09	1.11
720.0	3.69	3.66	0.03	24.36	0.48	720.0	1.07	1.10	1.11
760.0	3.72	3.70	0.02	23.30	0.43	760.0	1.07	1.11	1.12
800.0	3.75	3.72	0.03	22.35	0.50	800.0	1.06	1.11	1.12
840.0	3.80	3.76	0.04	21.47	0.46	840.0	1.06	1.12	1.12
880.0	3.83	3.78	0.05	20.70	0.44	880.0	1.05	1.12	1.12
920.0	3.89	3.84	0.06	20.04	0.50	920.0	1.04	1.13	1.14
960.0	3.92	3.86	0.06	19.48	0.46	960.0	1.04	1.13	1.15
1000.0	3.99	3.93	0.07	19.03	0.44	1000.0	1.05	1.14	1.16
1050.0	4.06	3.98	0.08	18.56	0.38	1050.0	1.04	1.14	1.18
1100.0	4.14	4.06	0.09	18.23	0.47	1100.0	1.07	1.15	1.19
1150.0	4.24	4.12	0.12	17.94	0.35	1150.0	1.09	1.16	1.20
1200.0	4.35	4.22	0.14	17.64	0.55	1200.0	1.12	1.17	1.19
1250.0	4.50	4.33	0.18	17.23	0.55	1250.0	1.16	1.18	1.19
1300.0	4.68	4.50	0.18	16.61	0.57	1300.0	1.20	1.17	1.19
1350.0	4.90	4.68	0.23	15.63	0.72	1350.0	1.28	1.15	1.20
1400.0	5.21	4.99	0.22	14.37	0.77	1400.0	1.38	1.13	1.20
1450.0	5.60	5.34	0.26	12.87	0.93	1450.0	1.54	1.12	1.21
1500.0	6.15	5.87	0.28	11.38	1.21	1500.0	1.70	1.12	1.20

¹ Total Loss = Insertion Loss + 3dB Splitter Loss