

2 Way-0° Power Splitter/Combiner

ADP-ED10239/2

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
0.4	3.50	3.50	0.00	24.27	0.02	0.4	1.41	1.53	1.53
0.6	3.48	3.49	0.01	25.51	0.00	0.6	1.29	1.37	1.37
0.8	3.49	3.49	0.00	26.35	0.02	0.8	1.24	1.31	1.31
1.0	3.48	3.48	0.00	27.17	0.02	1.0	1.22	1.27	1.27
2.0	3.42	3.41	0.00	30.73	0.05	2.0	1.17	1.18	1.18
3.0	3.38	3.37	0.01	33.63	0.02	3.0	1.15	1.14	1.14
4.0	3.35	3.35	0.00	36.19	0.01	4.0	1.13	1.11	1.11
5.0	3.34	3.34	0.00	38.04	0.01	5.0	1.12	1.09	1.09
10.0	3.33	3.32	0.01	43.31	0.03	10.0	1.10	1.05	1.05
30.0	3.34	3.34	0.00	42.10	0.02	30.0	1.09	1.03	1.03
50.0	3.35	3.35	0.00	40.30	0.02	50.0	1.09	1.04	1.03
70.0	3.36	3.36	0.00	39.28	0.02	70.0	1.09	1.04	1.03
100.0	3.36	3.36	0.00	38.59	0.05	100.0	1.10	1.04	1.04
200.0	3.41	3.41	0.00	34.71	0.05	200.0	1.10	1.07	1.06
300.0	3.44	3.45	0.00	32.54	0.06	300.0	1.08	1.08	1.07
400.0	3.50	3.51	0.01	30.87	0.07	400.0	1.10	1.11	1.11
500.0	3.56	3.57	0.01	29.83	0.04	500.0	1.12	1.15	1.14
600.0	3.64	3.64	0.00	27.57	0.00	600.0	1.12	1.17	1.16
640.0	3.65	3.67	0.01	26.57	0.14	640.0	1.11	1.19	1.17
680.0	3.66	3.68	0.02	25.90	0.05	680.0	1.11	1.19	1.17
720.0	3.68	3.70	0.02	25.07	0.04	720.0	1.12	1.22	1.22
760.0	3.71	3.74	0.02	24.38	0.10	760.0	1.12	1.22	1.22
800.0	3.73	3.76	0.04	23.69	0.10	800.0	1.13	1.23	1.21
840.0	3.79	3.81	0.02	23.02	0.15	840.0	1.13	1.26	1.26
880.0	3.81	3.83	0.03	22.47	0.14	880.0	1.13	1.25	1.23
920.0	3.87	3.89	0.02	21.97	0.20	920.0	1.13	1.25	1.21
960.0	3.94	3.96	0.03	21.57	0.21	960.0	1.13	1.30	1.28
1000.0	3.97	4.00	0.03	21.39	0.29	1000.0	1.13	1.31	1.28
1050.0	4.06	4.08	0.02	21.25	0.27	1050.0	1.14	1.31	1.29
1100.0	4.16	4.18	0.03	21.40	0.33	1100.0	1.14	1.38	1.40
1150.0	4.27	4.29	0.03	21.51	0.32	1150.0	1.16	1.38	1.35
1200.0	4.38	4.42	0.04	21.60	0.37	1200.0	1.20	1.39	1.38
1250.0	4.56	4.62	0.06	21.42	0.35	1250.0	1.23	1.40	1.36
1300.0	4.72	4.78	0.06	20.54	0.51	1300.0	1.27	1.43	1.39
1350.0	4.98	5.04	0.06	18.83	0.52	1350.0	1.34	1.44	1.41
1400.0	5.29	5.36	0.06	16.76	0.55	1400.0	1.44	1.46	1.43
1450.0	5.69	5.78	0.09	14.66	0.54	1450.0	1.57	1.47	1.45
1500.0	6.20	6.30	0.10	12.74	0.52	1500.0	1.76	1.46	1.39

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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100707
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