

2 Way-0° Power Splitter/Combiner

ADP-ED12786/10

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1.0	7.58	7.58	0.00	18.05	0.00	1.0	9.04	5.52	5.52
2.0	4.79	4.79	0.00	18.77	0.02	2.0	3.26	2.89	2.89
3.0	4.13	4.13	0.00	19.72	0.01	3.0	2.15	2.19	2.19
4.0	3.96	3.96	0.00	20.52	0.00	4.0	1.75	1.92	1.92
5.0	3.92	3.92	0.00	21.10	0.00	5.0	1.56	1.80	1.79
6.0	3.90	3.90	0.00	21.52	0.00	6.0	1.45	1.73	1.72
7.0	3.90	3.89	0.00	21.81	0.01	7.0	1.38	1.68	1.68
8.0	3.89	3.89	0.00	21.98	0.01	8.0	1.33	1.65	1.65
9.0	3.88	3.88	0.00	22.08	0.01	9.0	1.30	1.63	1.63
10.0	3.87	3.87	0.00	22.16	0.00	10.0	1.27	1.61	1.61
50.0	3.70	3.70	0.00	21.09	0.04	50.0	1.09	1.52	1.52
100.0	3.64	3.64	0.00	20.67	0.08	100.0	1.08	1.50	1.49
200.0	3.61	3.61	0.01	20.41	0.11	200.0	1.07	1.47	1.47
300.0	3.59	3.62	0.02	20.20	0.14	300.0	1.07	1.45	1.46
400.0	3.58	3.63	0.05	19.91	0.15	400.0	1.07	1.43	1.44
500.0	3.57	3.65	0.08	19.51	0.15	500.0	1.07	1.39	1.41
600.0	3.56	3.68	0.11	19.06	0.08	600.0	1.07	1.35	1.37
700.0	3.55	3.71	0.15	18.62	0.00	700.0	1.07	1.30	1.33
800.0	3.57	3.76	0.20	18.21	0.10	800.0	1.07	1.25	1.29
900.0	3.54	3.79	0.25	17.79	0.30	900.0	1.08	1.21	1.26
1000.0	3.49	3.78	0.30	17.34	0.53	1000.0	1.10	1.17	1.24
1200.0	3.49	3.89	0.40	16.58	1.16	1200.0	1.16	1.10	1.18
1300.0	3.51	3.96	0.46	16.23	1.55	1300.0	1.20	1.06	1.14
1400.0	3.55	4.05	0.51	15.90	2.02	1400.0	1.25	1.05	1.09
1500.0	3.63	4.17	0.54	15.63	2.54	1500.0	1.30	1.09	1.05
1600.0	3.73	4.31	0.58	15.40	3.12	1600.0	1.35	1.14	1.03
1700.0	3.89	4.50	0.61	15.27	3.81	1700.0	1.38	1.20	1.06
1800.0	4.08	4.71	0.63	15.22	4.63	1800.0	1.41	1.25	1.08
1900.0	4.24	4.87	0.63	15.25	5.48	1900.0	1.41	1.28	1.09
2000.0	4.41	5.02	0.61	15.43	6.41	2000.0	1.40	1.31	1.10
2100.0	4.53	5.11	0.58	15.77	7.40	2100.0	1.38	1.33	1.11
2200.0	4.59	5.11	0.52	16.33	8.52	2200.0	1.35	1.34	1.12
2300.0	4.58	5.02	0.44	17.19	9.64	2300.0	1.29	1.35	1.14
2400.0	4.57	4.90	0.33	18.50	10.66	2400.0	1.23	1.36	1.13
2500.0	4.62	4.79	0.16	20.49	11.79	2500.0	1.14	1.33	1.10
2600.0	4.77	4.76	0.02	23.42	12.95	2600.0	1.04	1.27	1.03
2700.0	5.07	4.85	0.22	26.49	13.99	2700.0	1.09	1.19	1.07
2750.0	5.37	5.09	0.28	26.62	14.27	2750.0	1.25	1.17	1.09
2800.0	5.56	5.14	0.42	25.03	14.82	2800.0	1.25	1.11	1.19
2900.0	6.22	5.57	0.65	20.97	15.18	2900.0	1.46	1.02	1.33
3000.0	6.91	5.98	0.94	17.54	15.02	3000.0	1.70	1.05	1.46

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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100707
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