

2 Way-0° Power Splitter/Combiner

ADP-2-1W

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @Temperature = +25°C

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION (dB)	VSWR (:1)		
	S-1	S-2				S	1	2
1	3.29	3.28	0.01	0.01	24.75	1.09	1.32	1.32
10	3.17	3.16	0.01	0.01	41.91	1.10	1.14	1.14
25	3.16	3.15	0.01	0.00	48.07	1.10	1.13	1.13
50	3.19	3.17	0.02	0.07	39.92	1.11	1.13	1.13
75	3.21	3.20	0.01	0.07	35.98	1.12	1.13	1.13
100	3.23	3.22	0.01	0.09	33.63	1.13	1.13	1.13
125	3.25	3.24	0.01	0.14	31.60	1.13	1.13	1.13
150	3.28	3.26	0.02	0.13	30.11	1.14	1.13	1.13
175	3.30	3.27	0.03	0.13	28.90	1.15	1.13	1.13
200	3.31	3.29	0.02	0.17	27.81	1.16	1.13	1.13
225	3.34	3.31	0.03	0.20	26.97	1.16	1.13	1.12
250	3.34	3.31	0.03	0.21	26.19	1.17	1.13	1.12
275	3.37	3.33	0.04	0.23	25.55	1.18	1.12	1.12
300	3.38	3.34	0.04	0.26	24.95	1.18	1.12	1.12
325	3.40	3.35	0.05	0.26	24.40	1.19	1.12	1.12
350	3.41	3.36	0.05	0.28	23.96	1.19	1.12	1.11
375	3.43	3.38	0.05	0.29	23.60	1.20	1.12	1.11
400	3.44	3.39	0.05	0.30	23.26	1.20	1.11	1.11
425	3.46	3.40	0.06	0.29	23.00	1.20	1.11	1.10
450	3.48	3.41	0.07	0.33	22.80	1.20	1.11	1.10
475	3.49	3.42	0.07	0.32	22.63	1.21	1.10	1.09
500	3.51	3.43	0.08	0.32	22.50	1.20	1.10	1.09
525	3.53	3.44	0.09	0.32	22.44	1.20	1.09	1.08
550	3.55	3.45	0.10	0.30	22.42	1.20	1.09	1.08
575	3.57	3.46	0.11	0.30	22.45	1.19	1.09	1.07
600	3.59	3.48	0.11	0.28	22.54	1.19	1.09	1.07
625	3.61	3.49	0.12	0.26	22.68	1.18	1.09	1.06
650	3.64	3.50	0.14	0.24	22.93	1.17	1.09	1.06
675	3.67	3.52	0.15	0.23	23.21	1.16	1.09	1.06
700	3.69	3.54	0.15	0.21	23.58	1.15	1.10	1.06
750	3.75	3.57	0.18	0.15	24.44	1.14	1.12	1.08
800	3.83	3.63	0.20	0.12	25.48	1.14	1.15	1.11
850	3.94	3.71	0.23	0.09	25.77	1.19	1.19	1.15
900	4.09	3.83	0.26	0.01	24.38	1.27	1.25	1.21
950	4.31	4.01	0.30	0.06	21.55	1.41	1.32	1.28
1000	4.63	4.30	0.33	0.14	18.52	1.59	1.41	1.37

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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2 Way-0° Power Splitter/Combiner

ADP-2-1W

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @Temperature = -40°C

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION (dB)	VSWR (:1)		
	S-1	S-2				S	1	2
1	3.25	3.24	0.01	0.01	19.98	1.12	1.46	1.46
10	3.12	3.12	0.01	0.00	33.10	1.10	1.15	1.15
25	3.12	3.11	0.01	0.01	39.48	1.10	1.11	1.11
50	3.14	3.13	0.01	0.09	38.66	1.11	1.11	1.10
75	3.16	3.16	0.00	0.11	34.92	1.14	1.11	1.11
100	3.18	3.17	0.01	0.15	32.81	1.15	1.12	1.12
125	3.19	3.18	0.01	0.19	31.56	1.15	1.12	1.12
150	3.21	3.19	0.02	0.21	30.44	1.14	1.11	1.11
175	3.22	3.21	0.01	0.23	28.88	1.16	1.11	1.11
200	3.24	3.23	0.01	0.27	27.34	1.19	1.12	1.12
225	3.26	3.24	0.02	0.32	26.43	1.20	1.13	1.13
250	3.26	3.24	0.02	0.34	25.90	1.19	1.12	1.12
275	3.27	3.25	0.02	0.38	25.47	1.19	1.11	1.11
300	3.28	3.26	0.02	0.44	24.83	1.20	1.11	1.11
325	3.30	3.27	0.03	0.45	24.19	1.22	1.11	1.12
350	3.31	3.27	0.04	0.49	23.75	1.22	1.11	1.12
375	3.32	3.28	0.04	0.51	23.52	1.21	1.11	1.11
400	3.33	3.29	0.04	0.53	23.36	1.21	1.10	1.09
425	3.35	3.29	0.06	0.55	23.08	1.22	1.10	1.10
450	3.36	3.30	0.06	0.60	22.82	1.22	1.10	1.10
475	3.37	3.30	0.07	0.61	22.69	1.22	1.10	1.09
500	3.39	3.31	0.08	0.68	22.71	1.21	1.09	1.08
525	3.41	3.33	0.08	0.77	22.83	1.21	1.09	1.07
550	3.41	3.33	0.08	0.65	22.67	1.21	1.09	1.07
575	3.43	3.34	0.09	0.67	22.68	1.20	1.09	1.07
600	3.44	3.35	0.09	0.66	22.72	1.19	1.09	1.07
625	3.46	3.35	0.11	0.66	22.90	1.18	1.08	1.06
650	3.48	3.36	0.12	0.65	23.09	1.17	1.08	1.05
675	3.50	3.38	0.12	0.64	23.38	1.16	1.08	1.05
700	3.52	3.38	0.14	0.63	23.74	1.15	1.09	1.05
750	3.57	3.41	0.16	0.61	24.42	1.14	1.11	1.07
800	3.64	3.46	0.18	0.64	25.25	1.15	1.14	1.10
850	3.76	3.54	0.22	0.69	25.41	1.18	1.19	1.15
900	3.88	3.64	0.24	0.62	23.89	1.27	1.23	1.20
950	4.07	3.81	0.26	0.64	21.22	1.40	1.31	1.28
1000	4.34	4.07	0.27	0.77	18.27	1.59	1.39	1.36

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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2 Way-0° Power Splitter/Combiner

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Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @Temperature = +85°C

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION (dB)	VSWR (:1)		
	S-1	S-2				S	1	2
1	3.35	3.34	0.01	0.00	25.91	1.07	1.33	1.33
10	3.19	3.18	0.01	0.01	42.83	1.10	1.16	1.16
25	3.19	3.18	0.01	0.02	45.55	1.10	1.15	1.15
50	3.22	3.21	0.01	0.10	37.46	1.11	1.16	1.15
75	3.25	3.23	0.02	0.11	35.54	1.10	1.16	1.15
100	3.27	3.25	0.02	0.16	34.54	1.10	1.15	1.15
125	3.29	3.28	0.01	0.23	32.24	1.11	1.14	1.14
150	3.32	3.30	0.02	0.24	30.00	1.14	1.15	1.15
175	3.34	3.32	0.02	0.27	28.68	1.14	1.15	1.15
200	3.36	3.33	0.03	0.31	28.00	1.14	1.15	1.15
225	3.38	3.35	0.03	0.36	27.57	1.13	1.14	1.14
250	3.39	3.36	0.03	0.39	26.78	1.14	1.14	1.13
275	3.42	3.38	0.04	0.42	25.83	1.16	1.14	1.13
300	3.43	3.40	0.03	0.47	25.03	1.17	1.14	1.14
325	3.45	3.41	0.04	0.49	24.54	1.17	1.14	1.13
350	3.46	3.42	0.04	0.52	24.22	1.17	1.13	1.12
375	3.48	3.43	0.05	0.57	23.90	1.17	1.12	1.11
400	3.50	3.45	0.05	0.57	23.49	1.18	1.12	1.11
425	3.53	3.46	0.07	0.61	23.12	1.19	1.12	1.11
450	3.54	3.48	0.06	0.65	22.87	1.19	1.12	1.11
475	3.56	3.48	0.08	0.66	22.75	1.19	1.11	1.10
500	3.58	3.50	0.08	0.69	22.66	1.18	1.10	1.09
525	3.61	3.52	0.09	0.71	22.61	1.18	1.10	1.08
550	3.63	3.54	0.09	0.72	22.50	1.19	1.10	1.08
575	3.66	3.55	0.11	0.74	22.46	1.19	1.10	1.08
600	3.69	3.57	0.12	0.75	22.55	1.18	1.10	1.07
625	3.72	3.61	0.11	0.81	22.89	1.17	1.10	1.06
650	3.73	3.63	0.10	0.83	23.09	1.17	1.10	1.06
675	3.75	3.63	0.12	0.69	23.21	1.16	1.10	1.07
700	3.78	3.64	0.14	0.67	23.50	1.15	1.10	1.07
750	3.86	3.68	0.18	0.65	24.39	1.13	1.12	1.08
800	3.95	3.74	0.21	0.68	25.59	1.14	1.14	1.11
850	4.06	3.82	0.24	0.75	26.18	1.17	1.18	1.15
900	4.22	3.95	0.27	0.70	25.12	1.25	1.24	1.20
950	4.45	4.14	0.31	0.68	22.20	1.37	1.31	1.27
1000	4.80	4.44	0.37	0.62	19.04	1.55	1.40	1.36

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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