

2 Way-0° Power Splitter/Combiner

ADP-ED8204/1

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
8.5	3.29	3.53	0.23	28.29	0.47	8.5	1.08	1.11	1.19
12.3	3.29	3.52	0.23	31.46	0.21	12.3	1.07	1.07	1.15
16.1	3.29	3.52	0.22	33.56	0.15	16.1	1.07	1.06	1.13
19.8	3.29	3.53	0.23	35.07	0.02	19.8	1.07	1.05	1.12
23.6	3.30	3.53	0.23	35.73	0.10	23.6	1.06	1.04	1.12
27.4	3.30	3.53	0.23	35.90	0.13	27.4	1.06	1.04	1.11
31.2	3.30	3.54	0.24	35.80	0.20	31.2	1.06	1.04	1.12
34.9	3.30	3.55	0.24	35.62	0.22	34.9	1.06	1.04	1.12
38.7	3.30	3.55	0.25	35.24	0.26	38.7	1.06	1.05	1.12
42.5	3.31	3.56	0.24	34.89	0.32	42.5	1.06	1.05	1.12
46.2	3.31	3.55	0.24	34.64	0.23	46.2	1.07	1.05	1.12
50.0	3.31	3.56	0.25	34.31	0.27	50.0	1.07	1.05	1.12
112.3	3.32	3.59	0.27	32.12	0.54	112.3	1.08	1.07	1.13
174.6	3.31	3.59	0.28	31.87	1.09	174.6	1.11	1.08	1.12
236.9	3.32	3.64	0.32	32.14	1.39	236.9	1.14	1.09	1.11
299.2	3.29	3.64	0.35	32.78	1.74	299.2	1.15	1.12	1.09
361.5	3.25	3.64	0.39	33.78	2.02	361.5	1.17	1.14	1.08
423.8	3.27	3.69	0.42	34.87	2.28	423.8	1.19	1.18	1.06
486.2	3.26	3.71	0.45	34.75	2.57	486.2	1.18	1.20	1.06
548.5	3.25	3.72	0.47	32.77	2.82	548.5	1.18	1.23	1.05
610.8	3.24	3.76	0.51	29.98	2.95	610.8	1.19	1.25	1.05
673.1	3.25	3.78	0.54	27.31	3.08	673.1	1.17	1.26	1.06
735.4	3.24	3.81	0.58	25.06	3.22	735.4	1.16	1.28	1.06
797.7	3.27	3.86	0.59	23.26	3.43	797.7	1.14	1.27	1.09
860.0	3.27	3.87	0.60	21.75	3.40	860.0	1.12	1.28	1.10
901.5	3.29	3.92	0.63	21.00	3.48	901.5	1.10	1.27	1.15
943.1	3.30	3.94	0.63	20.32	3.42	943.1	1.09	1.28	1.17
984.6	3.34	3.98	0.64	19.85	3.57	984.6	1.08	1.28	1.19
1026.2	3.35	4.00	0.65	19.49	3.50	1026.2	1.06	1.29	1.26
1067.7	3.39	4.05	0.66	19.29	3.67	1067.7	1.05	1.31	1.26

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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