

2 Way-0° Power Splitter/Combiner

ADP-ED8445/1

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
7.3	3.21	3.48	0.27	22.25	1.96	7.3	1.15	1.38	1.49
13.6	3.20	3.44	0.24	26.55	1.19	13.6	1.11	1.28	1.36
19.8	3.22	3.43	0.21	29.24	0.89	19.8	1.11	1.24	1.31
26.1	3.22	3.42	0.20	31.41	0.77	26.1	1.12	1.22	1.28
32.4	3.22	3.40	0.18	33.28	0.65	32.4	1.12	1.21	1.26
38.6	3.22	3.39	0.17	34.88	0.65	38.6	1.12	1.20	1.25
44.9	3.22	3.39	0.17	36.05	0.51	44.9	1.12	1.19	1.24
51.2	3.20	3.38	0.18	36.75	0.38	51.2	1.12	1.19	1.23
57.5	3.21	3.38	0.17	36.70	0.32	57.5	1.11	1.18	1.22
63.7	3.21	3.36	0.15	36.22	0.32	63.7	1.11	1.18	1.22
70.0	3.20	3.36	0.15	35.41	0.31	70.0	1.11	1.17	1.21
79.0	3.20	3.35	0.15	33.99	0.32	79.0	1.11	1.17	1.21
88.0	3.19	3.34	0.15	32.67	0.18	88.0	1.12	1.17	1.20
97.0	3.20	3.36	0.16	31.49	0.19	97.0	1.13	1.16	1.20
106.0	3.24	3.38	0.14	30.46	0.06	106.0	1.15	1.16	1.19
115.0	3.25	3.40	0.15	29.53	0.14	115.0	1.17	1.15	1.19
124.0	3.25	3.39	0.14	28.70	0.04	124.0	1.18	1.15	1.18
133.0	3.24	3.38	0.13	27.97	0.13	133.0	1.18	1.15	1.18
142.0	3.23	3.37	0.14	27.28	0.08	142.0	1.17	1.15	1.18
151.0	3.23	3.36	0.13	26.63	0.02	151.0	1.16	1.14	1.18
160.0	3.21	3.35	0.14	26.04	0.02	160.0	1.16	1.14	1.17
206.0	3.32	3.46	0.14	23.76	0.21	206.0	1.24	1.13	1.16
252.0	3.27	3.40	0.13	22.11	0.22	252.0	1.21	1.12	1.15
298.0	3.44	3.56	0.13	20.94	0.38	298.0	1.29	1.10	1.14
344.0	3.34	3.44	0.10	20.00	0.45	344.0	1.24	1.09	1.14
390.0	3.49	3.61	0.12	19.41	0.56	390.0	1.33	1.08	1.14
436.0	3.45	3.55	0.10	18.94	0.74	436.0	1.26	1.08	1.14
482.0	3.54	3.64	0.10	18.77	0.65	482.0	1.34	1.09	1.15
528.0	3.55	3.64	0.08	18.78	0.84	528.0	1.28	1.11	1.17
574.0	3.65	3.72	0.07	19.02	0.84	574.0	1.34	1.14	1.20
620.0	3.73	3.77	0.04	19.52	1.01	620.0	1.31	1.20	1.23

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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