

2 Way-0° Power Splitter/Combiner

ADP-ED7657/1

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
4.6	3.14	3.13	0.00	26.42	0.03	4.6	1.15	1.27	1.27
6.4	3.17	3.17	0.00	29.68	0.01	6.4	1.11	1.19	1.19
8.2	3.18	3.18	0.00	31.61	0.00	8.2	1.09	1.15	1.15
10.0	3.19	3.19	0.00	32.93	0.02	10.0	1.08	1.13	1.13
18.0	3.19	3.19	0.00	36.38	0.01	18.0	1.06	1.09	1.09
26.0	3.19	3.19	0.00	38.21	0.01	26.0	1.05	1.08	1.08
34.0	3.19	3.19	0.00	39.17	0.02	34.0	1.04	1.06	1.07
42.0	3.19	3.19	0.00	39.38	0.02	42.0	1.04	1.06	1.06
50.0	3.19	3.19	0.00	39.16	0.02	50.0	1.04	1.05	1.05
75.0	3.19	3.20	0.01	37.71	0.02	75.0	1.04	1.04	1.04
100.0	3.21	3.22	0.01	36.26	0.00	100.0	1.04	1.03	1.03
150.0	3.23	3.24	0.01	34.12	0.00	150.0	1.04	1.02	1.02
200.0	3.27	3.28	0.01	32.97	0.01	200.0	1.04	1.02	1.01
250.0	3.29	3.30	0.01	32.75	0.02	250.0	1.03	1.02	1.01
300.0	3.32	3.33	0.01	33.56	0.03	300.0	1.01	1.03	1.02
323.0	3.28	3.29	0.02	34.39	0.02	323.0	1.01	1.04	1.03
346.0	3.35	3.36	0.02	35.80	0.04	346.0	1.02	1.05	1.04
369.0	3.33	3.34	0.02	37.86	0.05	369.0	1.04	1.07	1.06
392.0	3.34	3.36	0.02	41.47	0.05	392.0	1.06	1.08	1.07
415.0	3.36	3.37	0.02	50.58	0.06	415.0	1.08	1.10	1.08
432.5	3.42	3.45	0.03	53.73	0.06	432.5	1.10	1.11	1.10
450.0	3.39	3.42	0.02	42.56	0.04	450.0	1.13	1.13	1.11
477.8	3.42	3.45	0.03	35.09	0.07	477.8	1.17	1.15	1.14
505.6	3.51	3.55	0.04	30.61	0.13	505.6	1.22	1.18	1.17

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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100707
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