

2 Way-0° Power Splitter/Combiner

ADP-ED8225/1

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
70.0	3.58	3.65	0.07	17.18	0.28	70.0	1.63	2.08	2.04
80.0	3.54	3.60	0.07	18.02	0.25	80.0	1.55	1.94	1.91
90.0	3.50	3.56	0.06	18.81	0.23	90.0	1.50	1.83	1.81
100.0	3.48	3.55	0.07	19.54	0.21	100.0	1.46	1.75	1.74
150.0	3.43	3.49	0.06	22.46	0.16	150.0	1.36	1.54	1.53
200.0	3.41	3.47	0.06	24.51	0.17	200.0	1.33	1.45	1.44
250.0	3.39	3.45	0.06	25.90	0.15	250.0	1.32	1.40	1.40
300.0	3.40	3.46	0.06	26.80	0.16	300.0	1.32	1.37	1.37
350.0	3.38	3.43	0.06	27.21	0.17	350.0	1.32	1.36	1.36
400.0	3.40	3.45	0.06	27.36	0.16	400.0	1.33	1.35	1.35
450.0	3.38	3.43	0.05	27.25	0.17	450.0	1.33	1.34	1.34
465.0	3.39	3.45	0.06	27.20	0.17	465.0	1.34	1.34	1.34
505.0	3.39	3.44	0.05	27.04	0.18	505.0	1.34	1.34	1.33
545.0	3.39	3.44	0.05	26.87	0.19	545.0	1.34	1.34	1.33
585.0	3.40	3.45	0.05	26.73	0.23	585.0	1.34	1.33	1.32
625.0	3.40	3.45	0.05	26.56	0.20	625.0	1.33	1.33	1.32
665.0	3.40	3.44	0.04	26.41	0.23	665.0	1.32	1.32	1.31
705.0	3.41	3.44	0.03	26.29	0.24	705.0	1.31	1.31	1.30
745.0	3.39	3.43	0.04	26.15	0.23	745.0	1.30	1.30	1.29
785.0	3.41	3.44	0.03	26.03	0.23	785.0	1.28	1.29	1.28
825.0	3.40	3.43	0.03	25.85	0.26	825.0	1.25	1.28	1.27
865.0	3.42	3.44	0.03	25.59	0.22	865.0	1.23	1.26	1.25
880.0	3.42	3.44	0.02	25.46	0.22	880.0	1.22	1.25	1.24
920.0	3.42	3.43	0.01	25.01	0.21	920.0	1.19	1.23	1.22
960.0	3.43	3.44	0.01	24.41	0.21	960.0	1.16	1.21	1.20
1000.0	3.45	3.45	0.00	23.62	0.22	1000.0	1.13	1.19	1.18
1040.0	3.47	3.47	0.00	22.67	0.19	1040.0	1.13	1.17	1.15
1080.0	3.50	3.49	0.01	21.56	0.20	1080.0	1.16	1.15	1.11
1120.0	3.56	3.53	0.02	20.37	0.11	1120.0	1.22	1.15	1.09
1160.0	3.62	3.58	0.04	19.12	0.13	1160.0	1.32	1.16	1.07
1200.0	3.73	3.67	0.05	17.85	0.05	1200.0	1.45	1.20	1.10
1240.0	3.88	3.80	0.08	16.59	0.02	1240.0	1.61	1.26	1.16
1280.0	4.04	3.94	0.10	15.34	0.10	1280.0	1.83	1.34	1.24

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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