

2 Way-0° Power Splitter/Combiner

ADP-ED7887/1

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
1.0	3.93	3.94	0.01	23.44	0.02	1.0	1.57	2.04	2.04
2.0	3.47	3.49	0.02	24.74	0.03	2.0	1.37	1.63	1.64
4.0	3.29	3.32	0.02	26.79	0.03	4.0	1.20	1.41	1.41
6.0	3.27	3.29	0.02	27.81	0.01	6.0	1.14	1.35	1.35
8.0	3.26	3.27	0.01	28.26	0.01	8.0	1.12	1.32	1.32
10.0	3.25	3.27	0.01	28.38	0.02	10.0	1.10	1.31	1.31
20.0	3.23	3.24	0.01	27.90	0.02	20.0	1.07	1.29	1.29
30.0	3.22	3.23	0.01	27.46	0.01	30.0	1.07	1.29	1.29
40.0	3.22	3.23	0.01	27.19	0.03	40.0	1.06	1.28	1.28
50.0	3.22	3.23	0.01	27.01	0.04	50.0	1.06	1.28	1.28
60.0	3.22	3.24	0.01	26.88	0.05	60.0	1.06	1.28	1.28
70.0	3.22	3.24	0.01	26.75	0.05	70.0	1.06	1.28	1.28
80.0	3.23	3.24	0.01	26.64	0.06	80.0	1.06	1.27	1.27
90.0	3.23	3.24	0.01	26.55	0.07	90.0	1.07	1.27	1.27
100.0	3.24	3.25	0.01	26.45	0.09	100.0	1.07	1.26	1.27
150.0	3.26	3.27	0.01	25.91	0.11	150.0	1.07	1.24	1.24
200.0	3.28	3.29	0.01	25.40	0.17	200.0	1.07	1.21	1.21
250.0	3.29	3.30	0.01	24.90	0.21	250.0	1.07	1.18	1.18
300.0	3.31	3.33	0.01	24.47	0.29	300.0	1.07	1.15	1.16
350.0	3.32	3.33	0.01	24.06	0.36	350.0	1.07	1.13	1.14
400.0	3.34	3.35	0.01	23.69	0.47	400.0	1.07	1.12	1.13
450.0	3.35	3.36	0.01	23.32	0.55	450.0	1.07	1.12	1.13
500.0	3.37	3.39	0.01	22.89	0.64	500.0	1.06	1.13	1.15
550.0	3.40	3.42	0.02	22.43	0.78	550.0	1.05	1.16	1.18
600.0	3.43	3.45	0.02	21.95	0.93	600.0	1.05	1.18	1.20
650.0	3.48	3.49	0.01	21.50	1.06	650.0	1.04	1.19	1.21
700.0	3.52	3.53	0.01	21.06	1.21	700.0	1.03	1.18	1.21
750.0	3.58	3.57	0.00	20.72	1.41	750.0	1.02	1.18	1.23
800.0	3.64	3.62	0.02	20.54	1.66	800.0	1.02	1.19	1.24
850.0	3.70	3.64	0.06	20.59	1.89	850.0	1.01	1.19	1.24
860.0	3.71	3.63	0.07	20.64	1.97	860.0	1.01	1.19	1.23
900.0	3.74	3.63	0.11	20.91	2.35	900.0	1.01	1.17	1.23
950.0	3.79	3.66	0.12	21.53	2.27	950.0	1.01	1.14	1.20
1000.0	3.84	3.62	0.22	22.31	2.83	1000.0	1.03	1.11	1.16
1050.0	3.92	3.67	0.25	23.06	3.50	1050.0	1.07	1.08	1.13

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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