

2 Way-0° Power Splitter/Combiner

ADP-ED7799/2

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
0.4	4.11	4.12	0.01	14.38	0.24	0.4	1.58	2.39	2.36
0.6	3.94	3.96	0.01	15.37	0.23	0.6	1.45	2.11	2.09
0.7	3.84	3.85	0.01	16.15	0.12	0.7	1.38	1.94	1.92
0.9	3.78	3.77	0.00	16.82	0.07	0.9	1.33	1.82	1.81
1.0	3.74	3.74	0.00	17.18	0.08	1.0	1.30	1.77	1.76
2.3	3.50	3.50	0.01	20.31	0.04	2.3	1.17	1.46	1.45
3.7	3.42	3.42	0.00	22.04	0.05	3.7	1.12	1.36	1.35
5.0	3.38	3.39	0.01	23.16	0.03	5.0	1.10	1.30	1.30
14.0	3.30	3.29	0.01	25.54	0.01	14.0	1.06	1.21	1.21
23.0	3.28	3.28	0.00	25.89	0.09	23.0	1.05	1.20	1.20
32.0	3.28	3.29	0.00	25.89	0.05	32.0	1.05	1.19	1.19
41.0	3.29	3.29	0.00	25.84	0.02	41.0	1.05	1.19	1.19
50.0	3.29	3.29	0.01	25.70	0.02	50.0	1.05	1.19	1.19
140.0	3.34	3.33	0.00	24.37	0.17	140.0	1.09	1.19	1.19
230.0	3.40	3.40	0.00	23.10	0.38	230.0	1.14	1.20	1.20
320.0	3.45	3.46	0.01	21.94	0.37	320.0	1.18	1.21	1.21
410.0	3.51	3.50	0.00	20.99	0.58	410.0	1.22	1.21	1.21
500.0	3.55	3.54	0.00	20.29	0.71	500.0	1.25	1.22	1.22
600.0	3.59	3.58	0.00	19.82	0.80	600.0	1.28	1.22	1.22
700.0	3.63	3.63	0.01	19.68	0.88	700.0	1.29	1.22	1.22
800.0	3.66	3.66	0.01	19.25	0.96	800.0	1.28	1.21	1.21
900.0	3.73	3.72	0.01	20.66	0.92	900.0	1.27	1.21	1.21
1000.0	3.81	3.81	0.01	21.68	0.91	1000.0	1.26	1.22	1.21
1050.0	3.83	3.82	0.01	22.11	0.99	1050.0	1.27	1.24	1.22
1100.0	3.93	3.93	0.01	22.36	0.84	1100.0	1.30	1.27	1.24
1150.0	4.05	4.03	0.02	21.93	0.88	1150.0	1.36	1.31	1.28
1200.0	4.15	4.14	0.01	20.88	0.77	1200.0	1.44	1.36	1.32

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ADP-ED7799/2
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Page 1 of 1