

2 Way-0° Power Splitter/Combiner

ADP-ED9972/1

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
0.1	3.69	3.62	0.07	16.93	0.98	0.1	1.91	2.47	2.72
0.3	3.25	3.22	0.03	21.99	0.35	0.3	1.24	1.44	1.52
0.6	3.25	3.23	0.01	24.30	0.25	0.6	1.15	1.33	1.37
0.8	3.25	3.24	0.01	25.88	0.18	0.8	1.12	1.28	1.32
1.0	3.25	3.24	0.01	27.15	0.14	1.0	1.10	1.26	1.28
6.9	3.18	3.18	0.00	43.00	0.03	6.9	1.10	1.16	1.16
12.8	3.17	3.17	0.00	54.27	0.01	12.8	1.10	1.15	1.15
18.7	3.17	3.18	0.00	55.00	0.07	18.7	1.11	1.14	1.14
24.6	3.19	3.19	0.00	48.38	0.01	24.6	1.11	1.14	1.14
30.4	3.19	3.19	0.00	45.19	0.03	30.4	1.11	1.14	1.14
36.3	3.20	3.20	0.00	43.04	0.05	36.3	1.11	1.14	1.14
42.2	3.20	3.20	0.01	41.44	0.02	42.2	1.11	1.14	1.14
48.1	3.20	3.20	0.00	40.21	0.03	48.1	1.11	1.14	1.14
54.0	3.20	3.20	0.00	39.11	0.06	54.0	1.11	1.14	1.14
118.2	3.25	3.25	0.00	32.57	0.09	118.2	1.13	1.14	1.14
182.4	3.24	3.25	0.00	29.22	0.13	182.4	1.16	1.14	1.14
246.6	3.33	3.32	0.01	27.00	0.14	246.6	1.18	1.14	1.14
310.7	3.32	3.32	0.01	25.53	0.19	310.7	1.20	1.14	1.14
374.9	3.41	3.39	0.02	24.40	0.20	374.9	1.21	1.14	1.13
439.1	3.43	3.40	0.03	23.76	0.24	439.1	1.22	1.13	1.13
503.3	3.49	3.46	0.03	23.36	0.18	503.3	1.22	1.13	1.12
567.5	3.49	3.44	0.06	23.29	0.07	567.5	1.21	1.13	1.12
631.6	3.53	3.44	0.09	23.56	0.17	631.6	1.20	1.13	1.11
695.8	3.61	3.50	0.11	24.18	0.11	695.8	1.19	1.14	1.11
760.0	3.67	3.54	0.13	25.09	0.06	760.0	1.20	1.16	1.13
812.9	3.74	3.58	0.16	25.75	0.02	812.9	1.23	1.19	1.15
865.7	3.90	3.73	0.17	25.55	0.09	865.7	1.30	1.23	1.19
918.6	4.04	3.79	0.24	23.73	0.10	918.6	1.41	1.29	1.25
971.4	4.22	3.97	0.25	21.03	0.23	971.4	1.57	1.38	1.33
1024.3	4.65	4.31	0.34	18.30	0.31	1024.3	1.81	1.48	1.43

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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