

2 Way-0° Power Splitter/Combiner

ADP-ED10171/1

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	3.54	3.55	0.01	6.13	0.01	0.1	2.01	1.73	1.73
0.5	3.53	3.53	0.00	12.43	0.01	0.5	2.01	1.66	1.66
0.8	3.52	3.52	0.00	15.17	0.00	0.8	2.01	1.74	1.74
1.0	3.53	3.52	0.00	16.31	0.02	1.0	2.01	1.78	1.78
2.0	3.53	3.52	0.01	20.25	0.02	2.0	2.01	1.89	1.89
3.0	3.52	3.52	0.00	22.93	0.03	3.0	2.01	1.94	1.94
4.0	3.52	3.52	0.00	25.02	0.00	4.0	2.01	1.96	1.97
5.0	3.53	3.53	0.00	26.72	0.00	5.0	2.01	1.98	1.98
10.0	3.52	3.51	0.01	32.74	0.04	10.0	2.01	2.01	2.01
15.0	3.52	3.53	0.01	37.00	0.04	15.0	2.01	2.02	2.02
20.0	3.52	3.53	0.01	40.74	0.03	20.0	2.01	2.02	2.03
25.0	3.54	3.54	0.00	44.03	0.01	25.0	2.00	2.02	2.03
30.0	3.53	3.53	0.00	46.56	0.01	30.0	2.00	2.02	2.02
32.0	3.52	3.52	0.00	46.91	0.01	32.0	2.00	2.02	2.02
35.0	3.53	3.53	0.01	47.04	0.04	35.0	2.00	2.02	2.02
38.0	3.53	3.53	0.00	46.45	0.05	38.0	2.00	2.02	2.02
41.0	3.53	3.54	0.01	45.28	0.02	41.0	2.00	2.02	2.02
44.0	3.53	3.54	0.00	44.61	0.01	44.0	2.00	2.02	2.02
47.0	3.53	3.53	0.00	43.54	0.07	47.0	2.00	2.02	2.02
50.0	3.53	3.53	0.00	42.82	0.03	50.0	2.00	2.02	2.02
53.0	3.53	3.53	0.00	42.20	0.03	53.0	2.00	2.02	2.02
56.0	3.54	3.53	0.00	41.20	0.04	56.0	2.00	2.02	2.02
59.0	3.54	3.54	0.00	40.67	0.00	59.0	2.00	2.03	2.03
62.0	3.53	3.53	0.00	39.98	0.02	62.0	2.00	2.03	2.03
65.0	3.54	3.54	0.00	39.36	0.02	65.0	2.00	2.03	2.03
80.0	3.53	3.54	0.00	36.91	0.02	80.0	1.99	2.03	2.03
122.0	3.56	3.56	0.01	32.77	0.04	122.0	1.99	2.04	2.04
164.0	3.56	3.58	0.01	29.95	0.01	164.0	1.98	2.04	2.05
206.0	3.59	3.59	0.00	27.93	0.01	206.0	1.98	2.06	2.07
248.0	3.58	3.59	0.01	26.27	0.01	248.0	1.98	2.07	2.08
290.0	3.61	3.62	0.01	24.91	0.07	290.0	1.98	2.09	2.10
332.0	3.60	3.60	0.01	23.71	0.05	332.0	1.97	2.11	2.12
374.0	3.62	3.63	0.01	22.67	0.04	374.0	1.96	2.14	2.14
416.0	3.59	3.61	0.02	21.72	0.06	416.0	1.95	2.16	2.17
458.0	3.62	3.64	0.02	20.88	0.04	458.0	1.95	2.18	2.19
500.0	3.60	3.62	0.03	20.10	0.10	500.0	1.94	2.21	2.20
602.0	3.67	3.71	0.04	18.40	0.15	602.0	1.97	2.25	2.22
704.0	3.75	3.79	0.04	16.86	0.19	704.0	1.99	2.30	2.25
806.0	3.81	3.85	0.03	15.32	0.31	806.0	1.98	2.34	2.28
908.0	3.90	3.94	0.04	13.86	0.26	908.0	1.98	2.36	2.31

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ADP-ED10171/1
100707
Page 1 of 1