

2 Way-0° Power Splitter/Combiner

ADP-ED10570/1

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	3.56	3.56	0.00	19.04	0.06	1.0	1.23	1.46	1.46
2.0	3.48	3.48	0.01	22.41	0.01	2.0	1.18	1.30	1.30
3.0	3.42	3.41	0.01	24.51	0.02	3.0	1.15	1.23	1.23
4.0	3.38	3.38	0.00	25.92	0.02	4.0	1.14	1.19	1.19
5.0	3.36	3.36	0.00	26.89	0.01	5.0	1.13	1.16	1.16
20.0	3.33	3.32	0.00	28.25	0.07	20.0	1.09	1.09	1.09
40.0	3.34	3.33	0.01	27.96	0.07	40.0	1.09	1.09	1.09
112.0	3.38	3.37	0.00	28.25	0.22	112.0	1.09	1.10	1.10
184.0	3.41	3.42	0.00	28.01	0.28	184.0	1.09	1.11	1.09
256.0	3.44	3.44	0.01	28.09	0.42	256.0	1.09	1.12	1.10
328.0	3.46	3.47	0.00	28.30	0.51	328.0	1.08	1.13	1.11
400.0	3.48	3.49	0.01	28.52	0.62	400.0	1.08	1.15	1.11
420.0	3.48	3.50	0.02	28.61	0.61	420.0	1.08	1.15	1.11
440.0	3.50	3.51	0.01	28.67	0.73	440.0	1.09	1.15	1.12
460.0	3.50	3.52	0.01	28.74	0.65	460.0	1.09	1.16	1.12
480.0	3.52	3.53	0.02	28.89	0.75	480.0	1.09	1.16	1.12
500.0	3.54	3.55	0.02	28.92	0.69	500.0	1.09	1.17	1.12
600.0	3.62	3.64	0.02	28.25	0.88	600.0	1.12	1.19	1.14
700.0	3.67	3.71	0.04	26.44	0.88	700.0	1.15	1.20	1.15
800.0	3.76	3.79	0.03	24.54	0.97	800.0	1.19	1.21	1.17
900.0	3.83	3.87	0.05	22.68	1.00	900.0	1.20	1.22	1.19
1000.0	3.94	4.00	0.05	21.27	1.04	1000.0	1.18	1.23	1.21
1040.0	3.95	4.02	0.06	20.87	0.98	1040.0	1.17	1.23	1.22
1080.0	4.02	4.09	0.07	20.60	0.98	1080.0	1.15	1.24	1.23
1120.0	4.06	4.13	0.07	20.43	0.96	1120.0	1.13	1.24	1.24
1160.0	4.11	4.19	0.07	20.37	0.87	1160.0	1.11	1.25	1.26
1200.0	4.21	4.28	0.07	20.44	0.86	1200.0	1.07	1.25	1.27
1250.0	4.27	4.34	0.07	20.67	0.78	1250.0	1.03	1.26	1.29
1300.0	4.37	4.46	0.10	21.13	0.84	1300.0	1.01	1.27	1.30
1350.0	4.44	4.52	0.08	21.55	0.59	1350.0	1.02	1.28	1.31
1400.0	4.59	4.69	0.11	21.78	0.52	1400.0	1.02	1.30	1.33
1450.0	4.73	4.83	0.10	21.18	0.70	1450.0	1.02	1.31	1.33
1500.0	4.94	5.04	0.11	19.73	0.56	1500.0	1.04	1.33	1.35

¹ Total Loss = Insertion Loss + 3dB Splitter Loss